

# *academic* **CATALOG**

.....  
2017-2018



## STATUS OF THE CATALOG

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## DIVERSITY

At Regis University the term “diversity” affirms our faith inspired commitment to build an inclusive community that values the dignity and contributions of all our members. In this community, human differences thrive in a learning environment characterized by the Jesuit traditions of mutual respect and the pursuit of justice. Age, gender, race/ethnicity, class, disability, sexual orientation, religion, and other forms of human differences contribute to the richness and vitality of our living community.

## NOTICE OF NONDISCRIMINATION

Regis University does not discriminate on the basis of race, color, natural origin, sex, disability, age, religion, veteran status, marital status, pregnancy, parental status, gender identity, sexual orientation, genetic information or any other legally protected status in any of its policies, programs, admissions or activities and provides equal access to education.

All Regis University community members (faculty, students, staff, administration, trustees, contract personnel, agents, visitors, invitees, and volunteers) are prohibited by law from engaging in acts of discrimination, including sexual harassment or sexual violence. Regis University’s nondiscrimination policy extends to employment, education and admission. Regis will take immediate and appropriate corrective action up to and including expulsion or dismissal, in cases where it has been determined that discrimination or sexual misconduct has occurred.

Review the complete Regis University Nondiscrimination and Sexual Misconduct policy at: [Regis.edu/Title IX](http://Regis.edu/Title IX).

The following person has been designated to handle inquiries regarding the Regis University Nondiscrimination and Sexual Misconduct Policy and Title IX:

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## ADMISSION

The University reserves the right to deny admission, services, continued enrollment and re-enrollment to any applicants, students, or other persons whose personal history, medical history, background, or behavior indicates that their presence in University facilities, programs, or activities, or use of University services would endanger themselves, or the health, safety, welfare, well-being, or property of the University, its employees, students, guests, or others, or would interfere with the orderly performance and conduct of the University’s or affiliated agencies’ functions.



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## JESUIT COLLEGES AND UNIVERSITIES

(Founding Date in Parentheses)

Alabama.....	Spring Hill College, Mobile (1830)
California.....	Santa Clara University (1851) University of San Francisco, San Francisco (1855) Loyola Marymount University, Los Angeles (1914)
Colorado.....	Regis University, Denver (1877)
Connecticut.....	Fairfield University, Fairfield (1942)
District of Columbia.....	Georgetown University, Washington (1789)
Illinois.....	Loyola University of Chicago, Chicago (1870)
Louisiana.....	Loyola University of New Orleans, New Orleans (1912)
Maryland.....	Loyola College in Maryland, Baltimore (1852)
Massachusetts.....	College of the Holy Cross, Worcester (1843) Boston College, Boston (1863)
Michigan.....	University of Detroit-Mercy, Detroit (1877)
Missouri.....	Saint Louis University, St. Louis (1818) Rockhurst College, Kansas City (1910)
Nebraska.....	Creighton University, Omaha (1878)
New Jersey.....	Saint Peter's College, Jersey City (1872)
New York.....	Fordham University, New York City (1841) Canisius College, Buffalo (1870) Le Moyne College, Syracuse (1946)
Ohio.....	Xavier University, Cincinnati (1831) John Carroll University, Cleveland (1886)
Pennsylvania.....	Saint Joseph's University, Philadelphia (1851) University of Scranton, Scranton (1888)
Washington.....	Gonzaga University, Spokane (1887) Seattle University, Seattle (1891)
West Virginia.....	Wheeling Jesuit College, Wheeling (1954)
Wisconsin.....	Marquette University, Milwaukee (1881)

(Seminaries and high schools are not included in this list.)

## **GENERAL INFORMATION**

## Ad Majorem Dei Gloriam

For The Greater Glory of God

The Jesuit Motto

### REGIS UNIVERSITY

Regis University is a coeducational university which includes the College of Business and Economics, the College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College, and the Rueckert- Hartman College for Health Professions, all conducted in the Jesuit tradition at the Northwest Denver Campus, Denver, Colorado, and at other institutional sites in Colorado.



THE SEAL OF REGIS UNIVERSITY

Symbols used in the seal include the following:

- The Latin *Universitas Regisiana Societatis Jesu* translates as “Regis University of the Society of Jesus” and names the University and its sponsoring organization, the Jesuit Order.
- The crown is a symbol of the University’s patron, St. John Francis Regis. The word *regis* in Latin means “of the King.”
- John Francis Regis, *Jean-Francois Regis* in his native language, was a Jesuit saint who lived 1597-1640. Known as the “Father of the Poor,” he was a teacher, missionary and champion of the outcast in the *Massif Central*, a mountainous district of France located west of the Alps.
- 1877 is the founding date of the University.
- The mountains are symbolic both of the Rocky Mountains and of the mountains of the *Massif Central* where St. John Francis Regis lived and worked.
- The letters *IHS* are the Greek letters *Iota, Eta, Sigma*, the first three letters of the word “Jesus.” The letters *IHS* within a sunburst comprise the seal of the Society of Jesus. The Jesuit seal is found on the pediment at the front entry of Main Hall, Lowell campus.
- The alternating stripes (originally red and gold) are from the shield of the Onaz-Loyola family. St. Ignatius Loyola, born in 1491, founded the Jesuits in 1540.
- The motto “Men and Women in Service of Others,” in Latin *Homines Ad Serviendum Aliis*, is an expression used to describe the purpose of Jesuit education: to form men and women who

use their knowledge and energies in the unselfish service of others. The motto also expresses the desire of Regis’ faculty and staff to be of service to students and the community.

### REGIS COLLEGE CHANGE TO REGIS UNIVERSITY

Regis College adopted Regis University as its institutional name effective July 1, 1991

The academic structure of the institution retains Regis College as the name of the unit offering undergraduate programs in the liberal arts, sciences, and education. Additionally, Regis College offers three graduate programs. The College of Business and Economics offers traditional and accelerated undergraduate and graduate programs in Business, Economics and Management. The College of Computer & Information Sciences offers traditional and accelerated programs in Computer and Information Sciences and Health Information Management. The College Of Contemporary Liberal Studies serves adult learners through a spectrum of innovative undergraduate and graduate degrees in Education, and Humanities and Social Sciences. The Rueckert-Hartman College for Health Professions offers undergraduate programs in nursing, and health care administration. Graduate programs are offered in counseling, health services administration, nursing, physical therapy, and pharmacy.

Regis currently serves students in both graduate and undergraduate programs through five academic units at four campuses. Current campus locations are Northwest Denver (Lowell), DTC, Colorado Springs, and Thornton.

### HISTORY OF REGIS UNIVERSITY

In 1540, when Ignatius Loyola founded the Society of Jesus--a community of companions and scholars resolved to serve their fellow men -- a guiding principle of the Society was that it would meet the needs of its age and would “form leaders who would carry forth into their personal and professional lives a mission of service to others.” For four centuries, the Jesuit fathers have been perfecting an educational tradition of academic excellence, value-centered education, and service to the community.

The Society of Jesus (Jesuits) is an international Roman Catholic religious order of priests and brothers known for its missionary and educational work. The Jesuit education network extends to more than 2,000 institutions of various types and levels, including 177 universities and 356 high schools. Ten thousand Jesuits and nearly 100,000 lay people provide education for more than 1.8 million students in 56 countries around the world. In the United States, there are 46 Jesuit high schools and 28 Jesuit colleges and universities.

Regis University has continued the Jesuit tradition since 1877, when a band of Jesuit missionaries from Naples, Italy, carved out a college on the edge of the desert in New Mexico, and named it Las Vegas College.

In 1884, Bishop Joseph P. Machbeuf of the Diocese of Denver, eager to have a respected school for boys in Colorado, persuaded the Jesuits to open a new college in Morrison, Colorado, named Sacred Heart College. In 1888, when the Morrison site proved too remote, Dominic Pantanella, S.J., the first president, moved the

college, now combined with Las Vegas College and known as College of the Sacred Heart, to its present location in northwest Denver where it included the College and an associated Jesuit high school.

Through an 1888 act of the Colorado state legislature, the College was empowered to confer college degrees, and the first graduation exercises were in 1890. In 1917, the College established a four-year curriculum separate from the high school and, in 1921, the high school and College were renamed "Regis" in honor of St. John Francis Regis, an 18<sup>th</sup> century Jesuit missionary from the mountains of France.

Main Hall, built in 1887, was the only building on the campus until expansion began in 1911 with the addition of the gymnasium. Today, the Regis University Lowell campus includes 17 buildings on 90 acres.

Regis was initially accredited by the North Central Association of Colleges and Schools (NCA) in 1921. In 1952, Regis was accredited by the NCA as a four-year, degree-granting college. Student enrollment has increased steadily, with a large expansion coming immediately after World War II as a result of the G.I. Bill.

Recognizing the need for educating men and women together, the College became a coeducational institution in 1968. In 1979, because of the expanding needs of high school and college education, Regis Jesuit High School and Regis College became independent institutions.

In 1977, Regis College began to offer selected programs to adult learners through classes at Fort Carson and Peterson Air Force Base and in temporary facilities at St. Mary's High School in Colorado Springs, Colorado. From 1977 through 2015, career programs (the College for Professional Studies) expanded to include master's degree programs in business administration, computer information technology, education, counseling, management, nonprofit management, software and information systems and an individually designed program as well as a wide choice of undergraduate majors, offered at several campus and off-campus locations. In 1981, Regis acquired a permanent location to house its Colorado Springs programs. In 2013, the counseling program moved from the College for Professional Studies to the Rueckert-Hartman College for Health Professions. In 2014, the College of Computer & Information Sciences was launched and the computer programs from the College for Professional Studies, Regis College, and the Rueckert-Hartman College for Health Professions moved into that College. In 2015, the College of Business and Economics was created and the business, economics and management programs from Regis College and the College for Professional Studies moved into that college. Beginning spring 2016, the College for Professional Studies officially became the College of Contemporary Liberal Studies.

In 1981, the Board of Trustees established "The National Commission of the Future of Regis College" to examine the College's purposes and develop a plan for its future needs. Drawing upon the expertise of distinguished corporate, civic, religious, and educational leaders, the National Commission offered 257 recommendations, which outlined for the Board of Trustees an imaginative and vigorous vision of Regis. The result was the development, implementation, and successful completion of the

College's largest fund-raising effort in history--the \$15 million "Commitment to the Future."

The Commitment to the Future was a key element in assuring the future success of Regis University. In addition to that major effort, the University is fortunate to include among its resources, the funds contributed by individuals, corporations, and foundations in general support of the University and in support of specific programs.

In 1988, the Loretto Heights nursing program moved to Regis University when Loretto Heights College closed. In the same year, University Without Walls moved from Loretto Heights College to Regis University and became part of the College for Professional Studies. In 1991, the Health Care Programs became the School for Health Care Professions. The name was changed to the Rueckert-Hartman School for Health Professions in 2004. In 2007, the School was renamed the Rueckert-Hartman College for Health Professions and the nursing department became the Loretto Heights Department of Nursing.

## HISTORICAL HIGHLIGHTS

- 1877 Regis University, then known as Las Vegas College, was established in Las Vegas, New Mexico.
- 1884 A second venture, known as Sacred Heart College, was started in Morrison, Colorado, while Las Vegas College continued to operate in Las Vegas, New Mexico.
- 1887 Las Vegas College and Sacred Heart College were combined and moved to the newly completed Main Hall in Denver, Colorado, where the joint operation was known as the College of the Sacred Heart.
- 1888 Classes began with 75 students on September 5.
- 1889 The College was empowered to confer university and college degrees by an Act of the State Legislature of Colorado on April 1.
- 1890 Ten degrees were awarded.
- 1911 The gymnasium, known as the Robert J. O'Sullivan Center, was completed behind Main Hall.
- 1921 On April 19, the Articles of Incorporation were amended to change the name of the College to Regis College. The North Central Association of Colleges and Schools granted accreditation as a junior college.
- 1922 Regis purchased an additional 40 acres of land, extending the campus to its present boundaries of Federal and Lowell Boulevards on the east and west, Regis Boulevard (formerly West 50th Avenue) and West 52nd Avenue on the south and north, totaling 90 acres.
- 1923 Carroll Hall student residence and an addition to Main Hall were completed.



- 1924 Lay members joined the Jesuits on the faculty of Regis College.
- 1937 Regis Men's Club was created as a lay board to advise Jesuit Trustees on publicity, advertising, facilities, and alumni relations.
- 1944 The dramatic effect of World War II on enrollment was shown when Regis graduated three students.
- 1945 Coeducational evening classes were established.
- 1951 Loyola Hall was completed and served as the main classroom building.
- 1952 Regis received accreditation from the North Central Association of Colleges and Schools to grant four-year degrees.
- 1956 The first female faculty member was hired.
- 1957 Regis had its first graduating class of more than 100 students. O'Connell Hall student residence and the Student Center were completed. Renovation of other major campus buildings, extensive renovation of campus facilities and re-landscaping were completed.
- 1958 The Civis Princeps award was created to recognize outstanding citizens of Colorado.
- 1960 The Regis College Field House was completed.
- 1963 The Student Center was substantially enlarged.
- 1964 DeSmet Hall student residence was completed.
- 1966 A \$2.2 million capital fund-raising campaign was completed, and the Science Building and Dayton Memorial Library (built with a grant from Mrs. Elizabeth Dayton) were completed.
- 1968 The status of Regis College was changed to that of a coeducational institution, effective September 1.
- 1972 West Hall student residence was completed. David M. Clarke, S.J., became the 22nd President of Regis College and the first President to hold office by virtue of a vote of the Board of Trustees, rather than by appointment by the Provincial and approval by the Trustees.
- 1973 The American Association of University Professors was voted as the collective bargaining agent for the Regis College undergraduate faculty.
- 1974 The United States Army Medical Equipment and Optical School program was established.
- 1975 Carroll Hall was renovated and became the residence for the Regis Jesuit community.
- 1977 Centennial Year. Regis Career Education Program (RECEP), the first accelerated undergraduate program for adults, began in Colorado Springs, Colorado, at the request of Fort Carson.
- 1978 The President's Council was established. MBA (Master of Business Administration) was established as the first graduate program.
- 1979 The high school and college became separate corporations under separate leadership. The Regis Career Education Program II (RECEP II) was established in Denver.
- 1981 The campus at Colorado Springs, Colorado, was established.
- 1982 The old gymnasium was renovated and dedicated as Robert J. O'Sullivan Center to house the Regis College Theatre and offices for RECEP II. The Master of Arts in Adult Christian Community Development (MAACCD) program was established.
- 1983 The administrative reorganization was carried out: four Vice Presidents directly under the President; Academic Dean for Campus Programs and Academic Dean for Career Programs directly under the Academic Vice President. The Denver Tech campus was established.
- 1987 The Coors Life Directions Center, built with a grant from the Adolph Coors Foundation, was completed.
- 1988 Loretto Heights College closed and nursing and University Without Walls programs moved from Loretto Heights to Regis University. A Regis University student was recognized as an American Rhodes Scholar.
- 1989 The College completed the \$15 million "Commitment to the Future" development program by raising \$16.5 million. The Boulder, Colorado, campus was established.
- 1990 Regis Jesuit High School moved to Parker and Arapahoe Roads in southeast Denver and the College purchased and occupied the high school buildings and grounds.
- 1991 On July 1, Regis College became Regis University with three constituent schools, Regis College, the School for Professional Studies, and the School for Health Care Professions.
- 1992 The Board of Trustees named Michael J. Sheeran, S.J., President of Regis University, and David M. Clarke, S.J., Chancellor.
- 1993 Michael J. Sheeran, S.J., was inaugurated as the 23rd President of Regis University. On August 12, Pope John Paul II and United States President William Jefferson Clinton met in the President's Dining Room in Carroll Hall. Regis University College for Professional Studies introduced an accelerated bachelor's degree completion program in business administration. Regis College English faculty member Joanne Karpinski received a Fulbright Professorship

- to teach at Moscow University. USA Today named Regis University student Hung Pham to its College All-Academic Team.
- 1994 Regis College Chemistry faculty member Surendra Mahapatro received a Fulbright Professorship to teach in Belize, South America.
- 1995 College for Professional Studies faculty member Matjaz Bren received a Fulbright Professorship to teach in Slovenia.
- 1996 Regis University, in conjunction with the PeaceJam Youth Conference, hosted Nobel Peace Laureates Betty Williams and Rigoberta Menchu Tum.
- 1997 Regis received a \$3 million gift from an anonymous donor in memory of alumnus Father C.B. "Woody" Woodrich's service to the poor and indigent. The campus at Fort Collins, Colorado, was established. Dayton Memorial Library was rededicated after a \$5 million renovation. Nobel Peace Prize recipient His Holiness the 14th Dalai Lama of Tibet visited Regis.
- 1998 Nobel Peace Prize recipients Archbishop Desmond Tutu and Mairead Corrigan Maguire visited Regis. School for Professional Studies faculty member Jonathan Hochberg received a Fulbright Professorship to teach in Uruguay.
- 1999 The School for Health Care Professions hosted former American Red Cross President Elizabeth Dole as the keynote speaker marking the 10th anniversary of the school. Regis University was recognized for leadership in the field of student character development in *The Templeton Guide: Colleges that Encourage Character Development*. The University was one of 100 colleges and universities named to Templeton's Honor Roll. Campuses at Las Vegas, Nevada, and Interlocken at Broomfield, Colorado, were established. Nobel Peace Prize recipient Jose Ramos-Horta visited Regis.
- 2000 USA Today named Regis University student Charity Tillemann-Dick to its College All-Academic Team. The Center for the Study of Accelerated Learning was inaugurated in the College for Professional Studies. The Institute on the Common Good brought Nobel Peace Prize recipient Oscar Arias to Regis. The Arboretum at Regis University was dedicated on the Lowell campus.
- 2001 August, the School for Health Care Professions ushered in the University's first doctoral program in Physical Therapy. Head Men's Basketball Coach Lonnie Porter, Colorado's winningest men's college basketball coach, surpassed his 400th win, and was inducted into the Colorado Sports Hall of Fame. Nobel Peace Prize recipients Adolfo Perez Esquivel and Elie Wiesel visited Regis. New Ventures separated and became a not-for-profit corporation of Regis University.
- 2002 Nobel Peace Prize recipient Jody Williams visited Regis. Residential townhouses were built to accommodate 180 students in two-story townhouse apartment "flats." Regis University began a year-long celebration of its 125th anniversary.
- 2003 John Hume became the eleventh Nobel Peace Prize Laureate to visit Regis since 1996. A second campus in Las Vegas, Nevada opened. The Ranger Dome was completed.
- 2004 Thanks to a \$5.7 million gift from Doyle and Margaret Hartman, Carroll Hall was completely renovated. The first stage of a major renovation of Main Hall opened the third and fourth floors for office and classroom use. The Center for the Study of War Experience officially opened. The School for Health Care Professions was renamed the Rueckert-Hartman School for Health Professions.
- 2005 Ground was broken for a new chapel over the site of the Robert J. O'Sullivan Center, and the arts center moved to the former chapel. Sister Helen Prejean, C.S.J., author of the best-selling *Dead Man Walking*, received an honorary degree. The Gerard Manley Hopkins, S.J., Poetry and Prayer Garden, featuring a sculpture of the Jesuit poet, was dedicated on the east side of Carroll Hall.
- 2006 World leaders Lech Walesa of Poland and President Mary McAleese of Ireland visited the Lowell campus. Nursing Professor Barbara White was named a Fulbright Scholar to Seoul, Korea. Two new campuses opened in Aurora and Longmont. The academy founded by Men's Basketball Coach Lonnie Porter to help Denver-area-at-risk children was renamed Porter-Billups Leadership Academy in honor of NBA star Chauncey Billups, who became a partner. David Trimble became the 13th Nobel Peace Prize Laureate to visit Regis University in 10 years.
- 2007 Regis University reorganized, changing the name to college for each of its three academic entities: Regis College, College for Professional Studies and Rueckert-Hartman College for Health Professions, with departments within each college renamed as schools. For the 13th consecutive year, U.S. News and World Report ranked Regis University a top school in the West. Denver Archbishop Charles J. Chaput, O.F.M. Cap., officially dedicated the St. John Francis Regis Chapel on the Lowell campus. The largest campaign in the history of the University, "The Campaign for Regis University, Writing the Next Chapter," officially concluded, raising \$82.7 million. The MBA program was added to the Fort Collins campus.
- 2009 The Felix Pomponio Family Science Center opened its doors following an extensive renovation made possible by a gift from Leonard, Rosemarie and Yolanda Pomponio, who provided the principal funding. Colorado Governor Bill Ritter proclaimed Friday, February 15, as Father Michael J. Sheeran, S.J., Day in honor of his accomplishments and service to the community.
- 2010 Regis University senior William Gohl was named a 2010 American Rhodes Scholar, becoming the second Regis student to earn that distinction. The new School of Pharmacy in the

Rueckert-Hartman College for Health Professions officially opened its doors welcoming 53 students who comprise the first Doctor of Pharmacy class. Thanks to a gift from the Martin Family Trust, Regis University dedicated the Lois Beebe Hayna Creative Writing Center, honoring renowned poet Lois Beebe Hayna. The College for Professional Studies and Instituto Tecnológico y de Estudios Superiores de Occidente (ITESO), the Jesuit University of Guadalajara, Mexico, signed an agreement to initiate CPS's first online bilingual joint degree program -- an MBA specializing in emerging markets.

2011 Two members of the Board of Trustees, Walter Imhoff (Life member) and Charlie Gallagher, were inducted into the Colorado Business Hall of Fame. Father Michael J. Sheeran, S.J., received the Magis Award from Arrupe Jesuit High School. Dr. Rick Hodes and Archbishop Pietro Sambi each received an honorary degree from Regis University. For the 16th consecutive year Regis University earned a top tier ranking for best colleges and universities by *U.S. News & World Report*. Father Michael Sheeran, S.J., announces his retirement, effective May 31, 2012, after 19 years as University president. Father John Fitzgibbons, S.J., named 24th University president effective June 1, 2012. Regis University opens new dual-language campus in Thornton, Colorado.

2012 Rev. John P. Fitzgibbons, S.J., was inaugurated as the 24<sup>th</sup> president of Regis University on September 25, 2012. For the 18<sup>th</sup> consecutive year Regis University earned a top tier ranking for best colleges and universities by *U.S. News & World Report*. Regis College biology professor Catherine Kleier earned a Fulbright Award. Regis University hosted the first Jesuit Commons: Higher Education at the Margins international "think tank" designed to envision and chart the future of a program that has been providing online education to refugees in Kenya, Malawi and Syria. Regis University was named to the President's Higher Education Community Service Honor Roll with Distinction for the second consecutive year. Regis University hosted Smithsonian Institution travelling exhibit on Bracero Program. Hildegard Messenbauigh, M.D., and Ding-Wen Hsu each received the *Civis Princeps* Award. Patricia Ladewig was appointed provost. Regis University announced new majors in physics and computational physics. The Regis College Teacher Education Program became the first in Colorado to be approved for the new Culturally and Linguistically Diverse endorsement standards at the undergraduate education level. Anne Kelly, a nursing student in Rueckert-Hartman College for Health Professions, was selected for the 2012 Award for Excellence in Leadership - Generalist by the American Psychiatric Nurses Association. Catherine Witt, assistant professor in RHCHP, received the National Association of Neonatal Nurses 2012 Leadership Award.

2014 Regis University opened the College of Computer & Information Sciences (CCIS), the first college in Colorado dedicated to the field. A pioneer in online learning, Regis developed a cloud platform that provides constant access to the latest software and technology, ensures continued educational evolution and enhances student learning

outcomes. To meet the growing demands of the expanding computer industry bachelor's degrees, master's degrees, or academic certificates in computer science, Computer Networking, Computer Information Systems, Health Care Informatics and Information Management, Business Technology Management, Database Technologies, Information Assurance, Software Engineering, Systems Engineering and Data Sciences.

2015 Long-time Regis men's basketball coach Alonzo "Lonnie" Porter retired after 38 years, a tenure unsurpassed in length by any college men's basketball coach in Colorado history. With a career record of 533-482, the five-time conference coach of the year has also amassed more victories than any other men's hoops coach in state history. His win total ranks 10th among all active NCAA Division II men's coaches and 31st all time. Sherman Alexie, named one of *The New Yorker's* 20 top writers for the 21st century and author of "Blasphemy" and "The Absolutely True Story of a Part-Time Indian", held a reading on the Northwest Denver campus. Nobel Peace Laureate Leymah Gbowee visited the Northwest Campus as part of the two-day Rocky Mountain PeaceJam Leadership Conference, an event that engages youth through workshops, service learning projects and opportunities to engage with local community organizations.

## THE MISSION OF THE UNIVERSITY

Regis University educates men and women of all ages to take leadership roles and to make a positive impact in a changing society. Standing within the Catholic and United States traditions, we are inspired by the particular Jesuit vision of Ignatius Loyola. This vision challenges us to attain the inner freedom to make intelligent choices.

We seek to provide value-centered undergraduate and graduate education, as well as to strengthen our commitment to community service. We nurture the life of the mind and the pursuit of truth within an environment conducive to effective teaching, learning, and personal development. Consistent with Judeo-Christian principles, we apply knowledge to human needs and seek to preserve the best of the human heritage. We encourage the continual search for truth, values, and a just existence. Throughout this process, we examine and attempt to answer the question: "How ought we to live?"

As a consequence of Ignatius Loyola's vision, particularly as reflected in his Spiritual Exercises, we encourage all members of the Regis community to learn proficiently, think logically and critically, identify and choose personal standards of values, and be socially responsible. We further encourage the development of skills and leadership abilities necessary for distinguished professional work and contributions to the improvement and transformation of society.

## EDUCATIONAL GOALS

Based on hope in the goodness of human life and responding in solidarity with Jesus Christ, "Who came to serve, not be served," we seek to:

- Provide our students with an excellent education in which they develop the ability to think critically, perceive comprehensively, and perform competently.
- Offer a liberal education in the arts and sciences that develops

talent and abilities, promotes awareness of career alternatives, and provides the practical skills necessary to pursue such careers. We believe that recognizing the continuum between conceptual rigor and practical application enables our students to adapt to new situations throughout life.

- Examine the dominant values that constitute society. We provide our students with the experience and understanding necessary for establishing their own framework of values within which they can make moral judgments and personal choices. In this way, we help empower students to make a positive impact on a changing society.
- Investigate the theories, methods and data of academic disciplines, as well as their underlying assumptions and values.
- Promote an atmosphere of personal concern for each student. This includes conscientious advising, substantial interaction between faculty and students, and close attention to each individual's personal intellectual growth.
- Concentrate our limited resources as a private and independent institution on select areas and extend these resources by forming partnerships with other organizations. In this way, the University attempts to be innovative, both educationally and technologically.
- Motivate students, faculty, and staff to put their wisdom, skills, and knowledge at the service of humanity.
- Expand the presence and influence of the Jesuit vision and values, which are derived from the Ignatian, Catholic, and United States traditions of education.

## UNDERGRADUATE CORE EDUCATIONAL EXPERIENCE

### FRAMEWORK AND GOALS

From its origins in the Renaissance and Reformation, Jesuit education has provided leadership in bringing the traditions of Christianity and classical learning in fruitful engagement with new developments in thought and culture. This task remains central at Regis University, where the core educational experience seeks to provide all undergraduate students with Jesuit liberal arts education. The core educational experience challenges students to reflect on tradition, continuity, and change, and to explore the question "How ought we to live?" in terms of the development of Western thought from classical to contemporary.

Inspired by Catholic tradition and Ignatian spirituality, the core educational experience at Regis celebrates the essential goodness of the world and the joy of learning. This education is grounded in the belief that faith and reason are complementary; it emphasizes the basic values of human dignity, diversity, freedom, and justice; and it promotes the formation of conscience and character through imaginative and critical discernment. The core educational experience aims to develop the whole person. It seeks not only to enable students to meet the challenges and goals of their personal and professional lives, but also to cultivate their leadership in service to others and in work for the common good.

The Regis University core educational experience engages students in an academic environment that both models and nurtures the

beliefs, commitments, and goals that are central to Jesuit liberal arts education. The mentoring relationship between faculty, staff, and students is central to this experience. While required core courses are essential to the core educational experience, core goals and themes inform all academic majors and professional programs, as well as campus and community activities.

### CHARACTERISTICS OF THE CORE EDUCATIONAL EXPERIENCE

The specific structure of the core educational experience varies within each of the University's five colleges because of the different student populations and instructional formats in the College of Business and Economics, the College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College, and the Rueckert-Hartman College for Health Professions. Nonetheless, the core educational experience in all five colleges is characterized by:

#### *Development of the Whole Person*

The core educational experience is designed to nurture the whole person: head, heart, and hands, intellect, sensibility, and skills. The whole person, however, is not understood in terms of an isolated self. Rather, Regis seeks to develop leaders whose compassion and concern for others inspires them to contribute to the common good.

#### *Academic Challenge*

Regis University is committed to academic excellence: the disciplined search for knowledge and the joy of discovery and understanding. The core educational experience is designed to strengthen students' skills in critical reading and thinking, speaking and writing, research and scholarship, and the use of information technologies. Students are encouraged to become partners in a collaborative process of learning and discovery.

#### *Liberal Arts Foundation*

The core educational experience promotes literacy in the major academic disciplines the arts, the humanities, the natural sciences, and the social sciences. By giving students an opportunity to explore the questions, methods, and understandings of different disciplines, the core educational experience establishes a broad foundation for more specialized studies.

#### *Integration*

The core educational experience challenges students to integrate new learning with prior knowledge and personal experiences. It seeks to strengthen habits and skills of integration, thereby encouraging students to become life-long learners and to achieve more comprehensive understandings of truth.

#### *Ethical Inquiry and Reflection*

By challenging students to examine the ethical dimensions present in all of their studies, the core educational experience seeks to cultivate the habit of critical reflection on values. Students are encouraged to reflect upon crucial human concerns and to strengthen values that lead to sound decisions and just actions.



*Spirituality and Religion*

Rooted in the Roman Catholic tradition, Regis University is committed to integrating faith with learning. The core educational experience fosters a critical appreciation of religious questions and spiritual experience. While special attention is given to Catholic philosophical and theological tradition, the core educational experience also involves exposure to other philosophical and religious traditions. It encourages mutual respect and genuine dialogue in the context of a shared search for meaning.

*Concern for Social Justice*

The core educational experience seeks to nurture a life of service for the common good and a commitment to work toward a more just and peaceful world. By challenging students to develop the analytical skills necessary to understand relationships of power and privilege in contemporary society, the core educational experience strives to cultivate respect for human diversity and a special concern for the poor and the oppressed.

*Global Awareness*

While contemporary individuals operate in many different social contexts, the Jesuit tradition has always been global in its horizons and outreach. Thus, the core educational experience furthers students' appreciation of the diversity of persons and cultures, the complexity of relationships in the new and evolving international order, and the impact of humans on the natural environment.

*Leadership*

Regis University is committed to developing leaders in the service of others. Recognizing that there are many forms of leadership, the core educational experience challenges students to strengthen their personal leadership skills through academic courses, service learning experiences, and other campus and community activities. Special attention is focused on refining students' abilities to listen and to engage in dialogue in diverse settings.

**GRADUATE STATEMENT**

Graduate degree programs at Regis University emanate from and embody the University mission of educating men and women to take leadership roles and to make a positive impact in a changing society. These programs provide a rigorous, focused, value-centered professional education rooted in the Jesuit Catholic tradition.

Graduate education at Regis University is learner-centered. Learners and faculty are full partners in an educational relationship that emphasizes academic excellence, active and collegial participation in the educational process, practical application of theory, ethical processes and decisions, and a commitment to lifelong learning.

Regis University's graduate programs infuse professional education with Jesuit ethos and values, develop the whole person, and foster professional competence.

Regis University graduate programs are characterized by:

- Openness – a respect for others and their perspectives;
- Optimism – an affirmation of the goodness of the world and of the human dignity of all people in it; and
- Other-centeredness – a conscious move beyond self to an appreciation of the interconnectedness of human beings and their actions.

Regis University graduate programs purposefully emphasize:

*Academic Excellence*

Regis University graduate programs are committed to academic excellence: the disciplined search for knowledge and the joy of discovery and understanding. Regis University expects each graduate student to achieve mastery in a discipline, including the ability to integrate and extend knowledge to contexts outside the classroom and to effectively translate theory into practice. Graduate learners are also encouraged to be active partners with faculty in the collaborative process of learning and discovery and to become lifelong learners.

*Leadership*

Regis University graduate programs develop leaders in the service of others. In this context, leaders are communicators with vision who analyze problems, find and implement solutions, and structure and facilitate processes to make a positive impact on society.

*Ethics*

Ethical decision-making and behavior are fundamental components of Regis University graduate programs. Ethics in Regis University graduate education guides individuals to make a conscious effort to apply ethical principles to decisions; to integrate and broaden the considerations surrounding the decisions; and to examine carefully the consequences and implications beyond personal and organizational self-interests.

*Social Justice*

Graduate programs at Regis University strive to nurture a life of service for the common good, to cultivate respect for human diversity, and to strengthen a special concern for the poor, the marginalized, and the oppressed. By emphasizing a concern for social justice, Regis University graduate programs reinforce an individual's commitment to be an active and productive member in society and to work for structural change to protect the disenfranchised. Global Awareness

Regis University graduate programs are committed to preparing learners to live, work, and lead in an increasingly interconnected global society. Graduate programs strive to create a learning environment that celebrates diversity, values the uniqueness of the individual, and instills a passion for justice for all people.

## REGIS UNIVERSITY BEHAVIORAL GOALS

### WITH RESPECT TO “LIVING THE MISSION”

At Regis University we practice what we teach by being committed to building and sustaining a culture that values the dignity, diversity, and contributions of all its members. With mutual respect and justice, the Regis community seeks to live the Jesuit mission by:

- Maintaining the highest ethical relationships within the Regis community as well as with partners, suppliers and other business entities, the Catholic Church, other religious traditions, and educational institutions.
- Fulfilling our obligation to society by supporting women and men in the Jesuit tradition to be leaders in their families, communities, and vocations.
- Achieving a unique student experience by providing values-centered education with rigorous academic programs, a focus on life-long learning and service to others that prepares students to contribute to the transformation of society.
- Reviewing and strengthening the continuing health and financial viability of the University with strategies and resources that are responsive to the Mission.
- Acknowledging and affirming exceptional contributions, seeking fair and equitable rewards, and providing opportunities for self-expression and growth in the Regis community.

Regis University thrives when all members of the community act to promote a culture that is congruent with the Mission.

## UNIVERSITY OUTCOMES

For centuries, the Jesuits have been perfecting an educational tradition of academic excellence, value-centered education, and service to the community. As a Jesuit institution, Regis University is deeply embedded within that heritage. Central to the tradition is the fact that the mission of the University is the driving force behind all educational programs. The mission can be no less central when the issue of assessment of student academic achievement is engaged.

Over the past decade, the assessment of student academic achievement has gained a prominent place on the agendas of institutions of higher education. The North Central Association of Colleges and Schools Higher Learning Commission indicated in 1991 that a formal plan for outcomes assessment would be required to maintain accreditation. In complying with the North Central Association mandate, Regis University developed a plan for the assessment of student academic achievement.

From our mission, a set of University-wide Outcome Statements was developed. The goal of developing these statements was to transform our mission and educational goals into explicit and ultimately measurable declarations that capture the collective thinking of the faculties of the University. In effect, the University Outcome Statements have become the operational foundation for assessment of student academic achievement.

These University-wide outcome statements are broad-based and address every aspect of the University mission related to student learning and academic achievement, including learning within a specific academic discipline or cross-disciplinary area and learning in general education. The statements also identify the need for graduates to be well prepared for lives of work and service. Finally, the University Outcome Statements encompass some of the critical attitudes and personal values Regis feels are important for citizenship in a global society.

The University Outcome Statements are listed below. All students graduating from Regis University should have:

- In-depth knowledge of a discipline or content area.
- Knowledge of diverse cultures, perspectives, and belief systems.
- Knowledge of arts, sciences, and humanities.
- Ability to think critically.
- Ability to communicate effectively.
- Ability to use contemporary technology.
- Commitment to ethical and social responsibilities.
- Commitment to leadership and service to others.
- Commitment to learning as a lifelong endeavor.

## CREDIT HOUR DEFINITION

Jesuit education is characterized as person-centered and academically rigorous in the search for truth and an understanding of justice. Any relevant definition of credit hour must be consistent with these principles. Therefore, the definition of the credit hour is based on time spent in mentored learning activities that are directed toward student learning outcomes. All Regis University courses have designated student learning outcomes. To merit three credits, a course must have enough mentored learning activities that are directed toward achieving the learning outcomes. Three-credit courses require a minimum of 30 hours of mentored learning activities. All Regis courses require learners to complete individual studying, reading and writing in addition to mentored learning activities, but these activities are not counted toward credit hours.

## ACCREDITATION AND AFFILIATIONS

Regis University is accredited by the Higher Learning Commission (HLC), one of six regional higher education institutional accreditors in the United States.

HLC website: <http://www.hlcommission.org>

HLC Address: 230 South LaSalle Street, Suite 7-500, Chicago, IL 60604

HLC Phone: (800) 621-7440

### SPECIALIZED ACCREDITATIONS AND AUTHORIZATIONS

COLLEGE	PROGRAM/DEPARTMENT	ACCREDITOR
Regis College	DEPARTMENT OF CHEMISTRY	American Chemical Society, Commission of Professional Training (CPT)
Rueckert-Hartman College for Health Professions	BACHELOR OF SCIENCE IN NURSING, MASTER OF SCIENCE IN NURSING, POST-GRADUATE APRN CERTIFICATE AND DOCTOR OF NURSING PRACTICE PROGRAMS	American Association of Colleges of Nursing, Commission on Collegiate Nursing Education (CCNE)
	MASTER OF ARTS IN COUNSELING PROGRAM	Council for Accreditation of Counseling and Related Educational Programs (CACREP)
	MASTER OF ARTS IN MARRIAGE AND FAMILY THERAPY PROGRAM	Council on the Accreditation of Marriage and Family Therapy Education (COAMFTE)
	DOCTOR OF PHYSICAL THERAPY PROGRAM	American Physical Therapy Association, Commission on Accreditation in Physical Therapy Education (CAPTE)
	DOCTOR OF PHARMACY PROGRAM	Accreditation Council for Pharmacy Education (ACPE)
College of Computer & Information Sciences	HEALTH INFORMATION MANAGEMENT DEGREE PROGRAMS	Commission on Accreditation for Health Informatics and Information Management (CAHIIM)
	BACHELOR OF SCIENCE IN COMPUTER SCIENCE, BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS, AND BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY	Accreditation Board for Engineering and Technology (ABET)

Regis University holds membership in the Association of American Colleges, American Council on Education, National Catholic Education Association, Association of Jesuit Colleges and Universities, American Association of Colleges for Teacher Education, Associated Colleges of Colorado, Council of Independent Colleges, National Association of College and University Summer Sessions, and the National University Continuing Education Association. Regis University is a full member of the Association of Graduate Liberal Studies Programs.

The University is approved by the Colorado State Department of Education for preparing students for State Teacher's Licensure. A full list of approved programs can be found at <http://highered.colorado.gov/Academics/TeacherEd>.

The University is authorized under federal law to enroll nonimmigrant alien students.

These accreditations and authorizations are intended to enable a student to obtain professional recognition of the degree he or she receives from Regis University and its acceptability when applying for admission to graduate schools.

In addition to the above affiliations, the University is represented in numerous professional and academic societies through individual memberships held by its faculty and administrators.

The accreditation, approvals, and certifications of the University are based upon the University's status at the time of printing of this *Catalog*. Accreditation, approvals, and certifications are subject to review and modification from time to time.

## FIVE COLLEGES

Regis University includes five separate academic units – the College of Business and Economics, the College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College, and Rueckert-Hartman College for Health Professions.

**The College of Business and Economics** offers undergraduate degrees in Accounting, Business Administration, Economics, Finance, Human Resource Management, and Marketing. These degrees are delivered via traditional and non-traditional (accelerated) classroom formats at the Northwest Denver campus and online. The College of Business and Economics graduate degrees include a Master of Business Administration, Master of Nonprofit Management, Master of Science degrees in Accounting, Human Resource Management, Marketing, Organizational Leadership, and Project Leadership and Management. All graduate degrees are delivered via non-traditional (accelerated) classroom formats at the Northwest Denver campus and online. Required MBA courses are also delivered at the Denver Tech Center campus as well as online. Specialization and elective courses are available online, but may be delivered in the classroom format only at the Northwest Denver campus.

**The College of Computer & Information Sciences** offers undergraduate degrees in Computer Science, Computer Information Systems, Health Information Management, and Information Technology. The College offers Master of Science degrees in Data Science, Database Technology, Enterprise System Engineering, Health Care Informatics and Information Management, Information Assurance, Information Technology Management, Software Engineering, and Software Engineering & Database Technologies. These degrees are delivered via traditional and accelerated classroom formats at multiple campuses and online.

**The College of Contemporary Liberal Studies** offers undergraduate programs in Applied Psychology, Communication, Criminology, Elementary Education, Liberal Arts, Social Science and a Bachelor of Applied Science. The College of Contemporary Liberal Studies graduate degrees include an individualized Master of Arts, a Master of Arts in Education, several Master of Education programs, a Master of Science in Criminology, and a shared Master of Fine Arts in Creative Writing with Regis College. These degrees are delivered via traditional and accelerated classroom formats at multiple campuses, online, and directed study.

**Regis College** offers a full range of undergraduate programs in the liberal arts, sciences, and education, a Master of Arts in Education (teacher licensure), a Master of Science in Biomedical Sciences, a Master of Science in Environmental Sciences, a Master of Development Practice, and a shared Master of Fine Arts in Creative Writing with the College of Contemporary Liberal Arts.

**The Rueckert-Hartman College for Health Professions** offers undergraduate degrees in Foundations in Pharmacy, Health Care Administration and Health and Exercise Science. Undergraduate offerings also include undergraduate programs in Nursing with traditional, accelerated, Connecting Healthcare Occupations with Innovative Curriculum and Experience (CHOICE), RN-to-BSN, and RN to MS program options for completing the Bachelor of Science in Nursing (BSN). The College offers graduate degrees at the master's level in Counseling, Marriage and Family Therapy, Health Services Administration, Master of Science in Nursing with specializations in Leadership in Health Care Systems, Family Nurse Practitioner (FNP), and Neonatal Nurse Practitioner (NNP) and doctorate degrees in Nursing Practice, Physical Therapy, and Pharmacy.

## UNIVERSITY SITES

Regis University serves approximately 10,000 students in both graduate and undergraduate programs through five academic units.

Programs are offered at the Northwest Denver (Lowell) campus, as well as Colorado Springs, Denver Tech Center, and Thornton.

## Facilities Use Policy

The facilities of Regis University are provided solely for enrolled students and others engaged in University-sponsored business, educational or social activities. Persons who are not engaged in University-sponsored business, educational or social activities, including children, friends, or other invitees of students, may be restricted from using or being present in University owned or controlled facilities at the discretion of the University.

## Northwest Denver Campus

### Carroll Hall

This building includes administrative and faculty offices, laboratories (computing, physical therapy and nursing), and several meeting rooms. Administrative offices include the academic computing center.

Regis College departments/offices housed in Carroll Hall include education, English, modern and classical languages, history, political science, philosophy, physical education, Master of Arts in Education, and the Honors Program.

The Rueckert-Hartman College for Health Professions nursing and physical therapy programs are located on the third and fourth floors.

### Coors Life Directions Center

This building was constructed in 1987 and houses the offices of Career Services, Counseling and Personal Development, Wellness and Recreation, Leadership Development, and Student Health Services.



**David M. Clarke, S.J. Hall**

This building was constructed in 2012 and houses offices for the College of Computer & Information Sciences, The College of Business and Economics, the College of Contemporary Liberal Studies, the Learning Commons, several conference/seminar room, and the Clarke Café.

**Dayton Memorial Library**

Dayton Memorial Library offers an extensive array of library resources and services. These include 400 individual study stations, numerous group study rooms, individual faculty studies, a multimedia production lab, and two state-of-the-art electronic classrooms.

**The Felix Pomponio Family Science Center**

The Felix Pomponio Family Science Center, built in 1966, houses the biology, biochemistry, chemistry, computer science, mathematics, neuroscience, physics, and psychology departments, and a 165-seat amphitheater. The building was renovated and renamed in 2007 and now features updated labs and state-of-the-art equipment.

**The Field House**

The Regis Field House offers modern facilities for the University's intramural and intercollegiate sports programs. It includes a 3,000-seat gymnasium, handball courts, steam room, and weight room, all available to students. Baseball, intramural, and soccer fields are located nearby.

**Fine Arts Building**

Formerly the chapel, this building houses the O'Sullivan fine arts gallery.

**Loyola Hall**

Loyola Hall contains many classrooms, faculty, and administrative offices, including the Office of the Academic Dean for Regis College and the Writing Center. Communications, criminal justice, experiential education, forensics, religious studies, sociology, and Summer Session offices are also located here. Other classrooms are located in the Science Building, the Field House, Main Hall, and the Adult Learning Center.

**Main Hall**

Main Hall, constructed in 1887 as the College's first building, stands as the landmark of the University and houses many of the administrative offices, and several classrooms,

**Residence Halls**

Regis University offers three traditional residence halls--O'Connell, DeSmet, and West. Each residence hall is staffed by senior residence coordinators, residence assistants, residence chaplains, and peer ministers. Lounge and laundry facilities are found in each residence hall. In addition, the University offers the Residence Village and the Ignatian Village, townhouse apartments for upper classmen. The Residence Village is set up with each unit consisting of three bedrooms, two or two and a half baths, a washer-dryer unit, full kitchen, and living room. Ignatian Village offers two or four bedrooms and has all the amenities of a complete Residence Village unit.

**St. Peter Claver, S.J. Hall**

This building is the home of the Office of the College for Health Care Professions (RHCHP) Dean, School of Pharmacy, School of Physical Therapy, Division of Health Services Administration, larger classrooms, a lecture hall, state of the art performance hall, the fine arts department for Regis College, an auditorium, skills and clinical learning laboratories, as well as the Claver Café.

**The Student Center**

The Student Center, as the name implies, is the center of campus activities. It houses the Office of Student Life, Commuter Affairs and the commuter lounge, student government, student media, University Ministry, and Student Activities. The University Bookstore, Book & Bean, Main Café, and Walker's Pub are also located in the Center.

**OFFICE OF DIVERSITY, ENGAGEMENT AND INCLUSION**

In accordance with our Jesuit values, the Office of Diversity, Engagement and Inclusion provides leadership and resources which enable individuals- whatever their identities, backgrounds, or institutional roles—to realize their capabilities, achieve their visions of success, and engage meaningfully in a dynamic, thriving and inclusive community.

The Office of Diversity, Engagement and Inclusion provides leadership to the university community around efforts to insure that Regis University will be a positive and inclusive learning, working and living environment that will maximize the intellectual and leadership potential of all members. The office also supports numerous opportunities for learning through university-wide co-curricular activities, student and staff affinity groups, diversity workshops and through collaborative work with other departments including various academic departments, University Ministry and Student Disability Services.

The Office of Diversity, Engagement and Inclusion is located in the Office of the Provost, 2<sup>nd</sup> floor, Main Hall, or visit [diverse@regis.edu](mailto:diverse@regis.edu)

**OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS**

The administrative responsibility for the supervision and coordination of the student life areas and staff rests with the Vice President of Student Affairs. These areas include: Center for Career and Professional Development; Counseling and Personal Development; Wellness and Recreation; Residence Life and Housing; Student Activities; Student Health Services; Military and Veteran Services; Campus Security, Student Conduct and Off-Campus Community. Student Affairs is located on the second floor of the Student Center, room 223.

**MISSION STATEMENT**

In keeping with the mission of the University and its educational goals and assumptions, the Division of Student Life strives to support the growth and development of Regis students through the following:

- The Jesuit tradition of *cura personalis*, the care and concern for the individual human person.

- An effort to integrate development of the whole person--spiritually, personally, socially, physically, intellectually, and vocationally.
- Programs that develop leadership skills and encourage students to assume positions of significant responsibility.
- Promotion of an academic atmosphere in all student activities and services.
- Encouragement of students to exercise their freedom and judgment while respecting the rights and needs of the campus community.
- Activities that promote service to others on and off campus.
- Activities and services that maximize the opportunities for students to understand themselves and to grow and develop to their fullest potential.

## SCOPE OF SERVICE

The service information provided in this section applies to all University students with the following exceptions: Counseling and Personal Development, Student Health Services, Student Activities, Residence Life and Housing. These services, as described, are available for Regis College undergraduate students and the Rueckert-Hartman College for Health Professions nursing, physical therapy, and pharmacy students. Other services may be available to students and may vary by site and program. Services are subject to modification or termination at any time as determined necessary by the University and students and other individuals may be subjected to service limitations and restrictions or may be denied services as determined necessary or appropriate by the University to protect its educational and work environment and the safety and well-being of its employees.

## Student Code of Conduct

Student conduct regulations are designed to afford individual students maximum personal freedom while protecting the rights and freedoms of others and maintaining the educational process. This necessitates good judgment, a sense of self-discipline, and respect for the rights and privileges of others. University Conduct Officers and the Student Conduct Board hear cases of alleged violations and impose sanctions, including disciplinary suspension from the University. Although the goal is to redirect student behavior into acceptable patterns, accountability for a serious violation or failure to change behavior may result in suspension or expulsion of an individual. A detailed summary of regulations and the student conduct process is available in the Student Handbook, which covers all University students. The Handbook is available on the Regis University website [www.regis.edu/studenthandbook](http://www.regis.edu/studenthandbook).

Students' conduct and behavior, including without limitation students' adherence to ethical standards of conduct governing the profession they are preparing to enter and the University's Student Standards of Conduct, are continuing points of assessment in all programs, courses and activities engaged in by students. Notwithstanding the published performance assessment standards, students' grades or academic progress may be impacted adversely due to unacceptable behavior or conduct.

## STUDENT LIFE

### Center for Career and Professional Development

The Center for Career and Professional Development educates and empowers all students and alumni to make informed career development decisions and create and implement strategies to successfully pursue their career goals. The services provided to support this mission include:

- assisting in assessing skills, interests, abilities, and values in order to set and achieve academic and career goals including selecting an academic major and identifying career paths;
- Offering PC 220--College, Career & Your future, a two credit career development course available to Regis College students;
- teaching the process of gathering, understanding, and using job market information;
- increasing effectiveness in conducting a job search campaign, including assistance in writing resumes and cover letters, developing skills in practice interviews, and using networking techniques to tap into the hidden job market;
- providing information, resources, and advice for graduate school research, selection and application;
- making full- and part-time job postings and Internship postings available through the CareerLink online job site; and
- offering opportunities to meet employers at career fairs, employer panels, and other on-campus recruiting and networking events.

Career development services are provided by professional staff in individual sessions in person, by phone or Skype, in group workshops, and [online at www.regis.edu/ccpd](http://www.regis.edu/ccpd). For more information contact the Center for Career and Professional Development at 303-458-3508, 800-388-2366 ext. 3508 or [careers@regis.edu](mailto:careers@regis.edu).

### Counseling and Personal Development

The Office of Counseling and Personal Development strives to support students in their psychological well-being, personal and social development, and academic success. Counseling and Personal Development promotes healthy lifestyles and a community that minimizes harm and maximizes potential for health and well-being. The office provides individual consultation, group seminars, and campus-wide awareness activities related to a broad range of mental and physical health-related issues. Services include short- and long-term psychotherapy, crisis management services, substance abuse harm reduction programming, and consultations to students, faculty and staff. All services are free and confidential to those students who are enrolled as full-time, land-based, traditional, undergraduate students, as well as students enrolled in the Accelerated Nursing, CHOICE Nursing, Masters in Biomedical Sciences, Masters in Environmental Sciences, Doctoral Physical Therapy, or Doctoral Pharmacy programs. The office staff is made up of experienced licensed psychologists and therapists, including a consulting psychiatrist who visits campus weekly. Counseling and Personal Development advises the Active Minds mental health advocacy student group, in addition to hosting educational workshops and seminars throughout the year.

## Student Health Services

Student Health Services provides health care to those students who are enrolled as full-time, land-based, traditional undergraduate students, as well as students enrolled in the Accelerated Nursing, CHOICE Nursing, Masters in Biomedical Sciences, Masters in Environmental Sciences, Doctoral Physical Therapy, Doctoral Occupational Therapy or Doctoral Pharmacy programs, Masters of Biomedical Science, Accelerated and CHOICE nursing, Physical Therapy and Pharmacy students.

A Nurse Practitioner and Physician Assistant are available Monday-Friday from 7:30 a.m. to 5 p.m. Routine ambulatory medical care, treatment of minor medical emergencies, gynecological services, prescriptions, laboratory testing, and selected immunizations are available on site.

Private insurance plans will be billed for office visits and external laboratory testing. An office visit co-pay will be due at the time of service. Student Health Services will accept as full payment reimbursements received from private insurance for all office visits. Student Health Services is not an approved Kaiser or Medicaid provider.

Students will be responsible for non-reimbursed laboratory tests, and/or other charges incurred by Student Health Services from outside medical labs or providers. A limited formulary of prescription medications are available to be purchased from the Student Health Services for a minimal fee.

Student medical records are strictly confidential and maintained in accordance with applicable federal and state privacy laws.

Hospitalization, dental care, and ambulance transport are the responsibility of the student and his/her parents or legal guardian. Charges for such services are sent directly by the provider and/or hospital to the insurance guarantor.

### Health Requirements

As a prerequisite to registration and according to Colorado state law, measles, mumps, and rubella immunity are required for all Regis University students. Students can be considered immune to measles only if they have physician documentation of:

- Two MMR (measles, mumps, rubella) vaccinations.  
or
- Laboratory evidence of measles, mumps, and rubella immunity.

Additionally, immunization against meningitis is required of all new and transfer students residing in university housing.

Immunization information becomes part of the student's medical record, which is maintained and updated with each subsequent contact with Student Health Services. Immunization documentation is due July 15<sup>th</sup>. Failure to provide the required documentation of immunizations will result in the student being considered noncompliant and therefore will be dropped from classes.

### Health and Accident Insurance

As a condition of enrollment, all full-time traditional undergraduate, Masters of Biomedical Science, Accelerated and CHOICE nursing, Physical Therapy, and Pharmacy students must maintain health insurance coverage. This requirement can be met in one of two ways:

- Enroll in the University-sponsored Student Health Insurance plan.  
or
- Waive the University plan and presenting proof of and maintaining coverage by an alternative health insurance plan of the student's choosing with coverage at least as extensive as that provided by the University plan.

Eligible students must enroll in or waive the University plan during their first term and every successive fall semester. If an eligible student does not waive the University plan by the stated deadline for the semester, he/she will be automatically enrolled in and billed for the University-sponsored health insurance plan. The premium for coverage is:

Fall semester rate	\$1,729
Spring/Summer semester	\$1,757
Annual rate	\$3,486
Accelerated nursing (summer only)	\$1,052

## Wellness and Recreation

Wellness and Recreation strives to positively impact the quality of life of the Regis University community through inclusive, innovative, and socially engaging programs, which promote a health and active lifestyle.

Wellness and Recreation includes:

**Fitness Center:** A 6,000 sq. ft. facility with cardio and weight areas, a group exercise and stretching area, and a bouldering wall. Academic year hours are 6am-11pm Monday through Friday and 10am-9pm Saturday and Sunday

**Group Exercise and Personal Training:** Certified Personal Trainers and Group Exercise Instructors offer a variety of services to Regis students free of charge. Group exercise classes include yoga, pilates, spin, boot camp, core and many more.

**Intramural Sports:** Committed to fostering good sportsmanship and a healthy lifestyle, Intramural sports strive to provide all students, faculty and staff with the opportunity to nurture their character, pursue physical fitness and make intelligent decisions within a competitive recreational environment. IM sports include: Basketball, Dodgeball, Flag Football, Ultimate Frisbee, Indoor & Outdoor Soccer, & Volleyball.

**Club Sports:** Student led and student funded, Club Sports offer the opportunity for Regis students to play a sport they love while representing Regis University both regionally and nationally & making lifetime friendships! Current Club Sports opportunities include: Men's Rugby, Women's Rugby, Men's Lacrosse, Tennis, Men's Volleyball, Women's Volleyball, Men's Soccer, Women's Soccer, and Ultimate Frisbee.

**Outdoor Adventure Program:** Regis University's Outdoor Recreation and Experiential Learning Program offers workshops, experiential activities and trips, and a robust selection of outdoor gear available for rent free of charge. The OAP program and Gearshop are located within the Fitness Center. .

**Cycle Works Bike Program:** Rent a bike, have your bike tuned by a mechanic, or learn the skills to work on a bike yourself! Cycle Works, located within the Fitness Center, is a one stop shop for the Regis community when it comes to bicycles.

**Violence Prevention Program:** The VPP provides the entire Regis community with programs and resources that promote healthy relationships, facilitate a safe environment, and support students who have experienced sexual violence, dating abuse, and stalking. The VPP office is located within the Student Center.

### Dining Services/M meal Plans and Charges

Regis University, in partnership with Bon Appétit, offers meals in the Main Café, Claver Café, Clarke Café and the Book and Bean. The Main Café offers full service, hot meals at breakfast, lunch and dinner. The Claver Café and the Clarke Café offers made-to-order grill items and/or packaged to-go items. The Book and Bean serves coffee and to-go items. Several different meal plans are available for purchase by students. For more information, visit [www.cafebonappetit.com/regis](http://www.cafebonappetit.com/regis).

All unmarried, non-Metropolitan Denver first year students residing on campus are required to purchase a meal plan (Plan A or Plan B), unless specifically exempted in writing by the Dean of Students (exemptions are granted based on medical reasons). Students select meal plans at the beginning of each semester. Meal plans are optional for sophomores, juniors, and seniors. Students may select one of the following plans:

#### Plan A

Cost (per semester)	\$2,510
Meals	19 meals per week
Flex Spending Dollars	\$300

#### Plan B

Cost (per semester)	\$2,385
Meals	12 meals per week
Flex Spending Dollars	\$400

#### Plan C\*

Cost (per semester)	\$1,670
Meals	95 meals per semester
Flex Spending Dollars	\$615

#### Commuter Plan

Cost (per semester)	\$345
Meals	30 meals per semester
Flex Spending Dollars	\$75

Not available to first year students.

### Residence Life and Housing

Residence Life and Housing is responsible for all aspects of the residential program including selection and training of residential staff, room assignments, room changes, programming, and discipline. This department is also responsible for conference services. All inquiries regarding these areas should be made to the Residence Life office located in the Student Center, room 216. Residence Life and Housing can be reached at 303-458-4991 or at [www.regis.edu/housing](http://www.regis.edu/housing).

Residence life coordinators, assistant resident life coordinators, resident assistants, and peer ministers staff each residence hall. The residence hall staff works to ensure and promote the quality of community life in the halls through educational programming, spiritual development, social activities, and advising.

Campus housing is available to traditional undergraduate, Rueckert-Hartman College for Health Professions traditional, graduate, and accelerated nursing students. All unmarried, non-metropolitan Denver first-year students under the age of 21 are required to reside on campus.

#### Housing Rates per semester

##### DeSmet, O'Connell

Single Occupancy	\$3,850
Double Occupancy	\$3,000
Triple Occupancy	\$2,400

##### West Hall

Single Occupancy	\$4,000
Double Occupancy	\$3,150

##### Ignatian Village

Single Occupancy	\$3,900
Double Occupancy	\$3,250

##### Residence Village Townhouses

Single Occupancy	\$4,250
Double Occupancy	\$3,400

Housing contracts are legally binding for the entire academic year. Refunds for housing will only be provided for authorized cancellations. Cancellations will be determined as authorized withdrawals at the discretion of the Office of Residence Life and Housing. Examples of authorized cancellations include study abroad, total University withdraw, and graduation. Unauthorized cancellations will not be released from the housing contract and will be held to the housing charge for the entire academic year. Students wishing to request a cancellation of their contract and move off campus are required to fill out a Housing Cancellation Request form found under the 'Housing Forms' tab at [www.regis.edu/housing](http://www.regis.edu/housing) and submit the form no less than two weeks before their expected move out date. Authorized cancellations will be refunded according to following refund schedule:

#### Fall Semester 2017:

Prior to July 28	Forfeit Housing Deposit
July 29 - Aug. 27	75% of Semester Housing Cost Refunded
Aug. 28 – Sept. 6	50% of Semester Housing Cost Refunded
Sept. 7 - Sept. 12	25% of Semester Housing Cost Refunded
Sept. 13 - End of the semester	No Refund



**Spring Semester 2018:**

Prior to Dec. 15	Forfeit Housing Deposit
Dec. 16 - Jan. 7	75% of Semester Housing Cost Refunded
Jan. 8 - Jan. 15	50% of Semester Housing Cost Refunded
Jan. 16 - Jan. 23	25% of Semester Housing Cost Refunded
Jan. 24 - End of the semester	No Refund

**Student Activities**

The Office of Student Activities pursues the development of a university community that creates a place for every student to be successful, involved, and engaged in the work of creating a life of meaning. Student Activities accomplishes this by mentoring and collaborating with visionary students who excel at creating leadership opportunities, programs, and events that enrich and enliven the collegiate experience. Striving to get every student involved during their Regis journey, the Office of Student Activities engages students off campus and on, abroad and around town, evenings, weekends, and breaks. Student Activities is dedicated to creating exceptional experiences that challenge, stretch, reward, and instruct and serve.

In pursuing this mission, Student Activities advises Regis' student government groups, clubs, organizations and student media. Student Activities is also the hub for New Student Orientation, Family Weekend, the Best of Colorado, spring break service trips, the Leadership Development Program, and many other exciting programs.

RegisCorps, Regis University's Leadership Development Program challenges students to become leaders in the service of others through classroom and experiential learning opportunities. Following in the footsteps of St. Ignatius, RegisCorps invites students into a transformative leadership experience, preparing them to dedicate their lives for the common good. The program supports five areas of leadership interests – experiential, servant, organizational, entrepreneurial and community engagement – that encourage students to pair their developing leadership skills with their professional areas of interest

**Student Disability & University Testing**

Student Disability Services/University Testing is committed to ensuring equal access to programming for qualified students with disabilities, and to providing quiet and secure testing sites for both Regis University students and non-student test candidates.

*Disability Accommodations*

To be eligible for disability accommodation services, qualified students with documented disabilities must register with the SDS/UT prior to receiving accommodations. Students may disclose and request accommodations at any time during the term; however, it is suggested that students disclose at the beginning of their academic career since accommodations are not retroactive. Qualified students must contact Student Disability

Services/University Testing to request their accommodations for **each** and **every** term.

Appropriate accommodations are granted on a case-by-case basis depending upon the disability, the documentation, and course format. Accommodations can only be approved through Student Disability Services/University Testing and not through the professor.

Five- and eight-week courses are fast paced and reading intensive. Since incomplete grades are seldom granted, these courses are expected to be completed during the term. Students should contact the program advisor and/or a member of the SDS/UT if they have concerns about a disability and the pace of these types of courses.

*University Testing*

Student Disability Services/University Testing is a national test center that is open to the university and the community. We offer the following college credit exams on a regular basis: CLEP, DSST, Regis Challenge Exams, and NLN, as well as occupational testing for various testing vendors. All Regis University students need to consult with their advisor and/or academic dean prior to taking an exam for credit. We also proctor exams for other universities and are a national testing site for the National Counseling Exam (NCE). The Regis University Testing Center adheres to professional standards established by the National College Testing Association (NCTA).

Student Disability Services/University Testing is located in Clarke Hall, Room 241, 303-458-4941 or 1-800-388-2366 Ext. 494 or visit [disability@regis.edu](mailto:disability@regis.edu) or [testing@regis.edu](mailto:testing@regis.edu)

**Military and Veteran Services**

The Regis University Department of Military & Veterans (MilVet) Services works to ensure that military service members, veterans and military family members make a successful transition to university life, succeed at Regis, and transition on to rewarding vocations after completing their time here. The department represents veteran interests at the university level, advocates for individual veterans when needed, and represents the university in the larger military and veteran communities. The department:

- Operates two on-campus Veterans Resource Centers (VRCs) and an online presence.
- Is staffed by fellow Regis veterans who are committed to providing information about federal and local programs, organizations and opportunities that will help our student veterans' progress toward completing their academic and personal goals.
- Offers peer to peer support, fellowship and mentoring critical to contributing to a successful academic experience, in addition to ensuring a feeling of belonging for the military community at Regis University.
- Participates in and partners with a wide variety of vet service advocacy and service groups regionally and nationally, advocating for Regis student veterans and increasing awareness of the university in the military and veteran communities.

## Campus Safety

The Campus Safety Office exists to provide greater security and safety to the entire Regis Campus community. All known problems relating to the safety of people and/or to the safety of the University, a building, or personal property should be reported immediately to the Campus Safety Office at 303-458-4122. It is important that incidents be reported to provide maximum security and safety to the Regis community. Additionally, Campus Safety monitors the parking lots, tickets and/or tows improperly parked cars, and escorts students on campus at night if requested. The Campus Safety Office is located in Main Hall.

## UNIVERSITY MINISTRY

As a Jesuit institution, Regis University is concerned with creating an atmosphere that enhances spiritual growth and a Judeo-Christian response to life situations. A full-time University Ministry staff has primary responsibility for developing programs that foster deeper faith awareness within the total Regis community, and for translating this individual and communal faith into action and witness. The Ministry staff also manages the St. John Francis Regis Chapel. University Ministry provides the following services: daily and Sunday celebration of the Eucharist, availability of the Sacraments, ecumenical opportunities for prayer and faith development, days and evenings of recollection, special prayer and liturgical services, spiritual direction and advising, peer ministry programs, small faith sharing groups, retreats, and assistance to persons experiencing grief. The University Ministry staff and Jesuit community are available to the entire University community. Their offices are located on the 2<sup>nd</sup> floor of the Student Center or visit [www.regis.edu/ministry](http://www.regis.edu/ministry).

## LIBRARY SERVICES

The Regis University Library provides the Regis community with significant resources for research, including print, online, and multimedia; a variety of areas for individual study and collaboration; and professional assistance for extensive research and document delivery. The Library is committed to providing excellent service to all students, no matter their location or mode of instruction, through the use of both physical and electronic delivery methods and through the means of a variety of communication technologies.

Dayton Memorial Library, which houses the physical collections and staffing, is located on the Northwest campus and offers an extensive array of resources and services. These include 300 individual study stations, numerous group study rooms, individual faculty study suites, a multimedia production lab and studio, a computer classroom, a screening classroom, and two multi-functional meeting rooms.

The Regis collections contain more than 280,000 print volumes, current print periodicals, over 58,000 full-text online journals, and access to over 100,000 e books. Regis is a depository for federal government documents and offers a growing collection of multimedia materials including 9000-plus documentary and feature DVDs, audio CDs, and digital programming in a variety of formats.

The Regis Archives and Special Collections contain the inactive administrative archives of Regis University and Loretto Heights College. These records include unpublished materials documenting the Catholic presence during the nineteenth century in the

Southwest. The Special Collections support the university curriculum with its collections of personal records, such as the Richard H. Truly U.S. Space Program Collection; its realia, such as the Notarianni Political Collection of 3,000 U.S. presidential campaign items; and its rare books, such as medieval illuminated manuscripts and the Edward S. Curtis forty-volume set of ethnographies and photogravures depicting pre-industrial cultures of the *North American Indian*.

The Regis Santo Collection includes over 800 historical and contemporary Roman Catholic devotional objects from the American Southwest, Mexico and throughout Central America, and the Philippines. More than 100 santos from this teaching collection are on display in the Dayton Memorial Library santo gallery. Portions of some Special Collections and the Santo Collection are available online through the Regis University Digital Repository: <http://rudr.coalliance.org>.

The Regis University Library contributes to Prospector, an integrated online catalog, which links the Library to the major academic and public libraries in Colorado and Wyoming. Prospector provides access to more than 32 million volumes with physical delivery to the user in a matter of days. The Library licenses more than 249 specialized, full-text, and statistical databases. The Library also provides traditional and electronic reserves.

The Library is committed to excellence in library instruction, which strives to help students and other groups become independent users of libraries and informed consumers of information in multiple formats. Every year, librarians are teaching an increasing number of students about research skills in a variety of settings, including hands-on research sessions, class visits, and online instruction sessions.

## OFFICE OF THE VICE PRESIDENT FOR ENROLLMENT MANAGEMENT

The administrative responsibility for the supervision and coordination of Regis University Offices of Admissions, Marketing and Communications, Institutional Analytics, Athletics, and Enrollment Services resides with the Vice President of Enrollment Management.

## REGIS UNIVERSITY ADMISSIONS

The Regis University Office of Admissions is available to answer questions regarding programs/degrees offered by Regis University and assist to determine which program best matches the student's personal and professional goals.

To be considered for admission to Regis University applicants must submit a completed application, application fee and provided official transcripts from high school and/or regionally accredited colleges or university previously attended. Admissions requirements and procedures vary by college/program. Please refer to the specific college/program in this catalog for more information. All documents submitted during the application process become the property of Regis University.

## International Students

All international students seeking admission to Regis University should check directly with the Regis University Office of Admissions for specific information.

All international students must complete the general admission requirements for the program of interest and also satisfy the following requirements (some program may have additional or different English test score requirements):

- Submit an official score report of the Test of English as a Foreign Language (TOEFL) with a minimum score of 213-computer-based and Essay score of 5.0, 82-Internet-based (24 Writing, 20 Speaking, 22 Reading, 16 Listening), or complete ESL Language Centers' Level 112-Academic. Level 112-Academic must be completed with a satisfactory grade within one year prior to acceptance into the program. Academic IELTS with overall band score of 6.5 or higher is also acceptable in place of the TOEFL for post-traditional students pursuing undergraduate and graduate degrees in the accelerated and online format. English proficiency requirements may be waived if one or more of the following criteria is met:
  - English is the applicant's native language. or
  - Proof of satisfactory completion (grade of C or better) of a college-level English course at a U.S. regionally accredited institution is submitted through an official transcript. or
  - The applicant is applying for a graduate or doctorate degree and has completed a U.S. undergraduate or graduate degree (taught in English). or
  - The applicant sends an official letter from their secondary high school or university's registrar's office stating that all previous school or university outside the U.S. taught their courses in English when he/she attended. or
  - The applicant successfully completes and passes the Academic English program at Language Consultants International (LCI) at a level 7 or higher and provide an official LCI certification of completion indicating satisfactory completion of this English program. LCI is accredited by the Commission on English Language Program Accreditation (CEA).
  - If an approved academic or admissions authority (select faculty, directors, chairs, or deans) within each college determines through an alternate formal English language proficiency assessment that that student has the necessary language proficiency, the requirement for one of the above may be waived on a case-by-case basis.
- Submit to the program office documentation of financial ability to pay one year's expenses, including tuition, fees, living expenses, etc., for issuance of an I-20 by the Office of Academic Records and Registration (An I-20 cannot be issued until after the student has been admitted by the College and has remitted the year's total tuition, fees, and room and board, as appropriate).
- Credential evaluation for transcripts received outside the U.S. are required from an approved credentialing evaluation agency, demonstrating the required education equivalency levels

necessary for admission. For admission to graduate programs, the applicant's undergraduate degree must be equivalent to a four-year bachelor's degree granted by a regionally accredited college or university in the U.S.

Additional English instruction may be required on or after admission to the program to ensure success in completing coursework.

To ensure enough time for the processing of international student applications, it is recommended that international students apply no later than six weeks before the academic period for which enrollment is intended. Applications received later may not be processed in time and may have to be held for the following academic period.

## REGIS TUITION GUARANTEE

Regis University guarantees that traditional\* first-time, full-time students in Regis College (RC), the College of Business and Economics (CBE), the College for Computer & Information Sciences(CC&IS), or the Rueckert-Hartman College for Health Professions (RHCHP) will graduate in four years or take the additional course work at Regis University necessary to complete the baccalaureate degree at no additional tuition cost as long as the following Regis Tuition Guarantee eligibility requirements are met.

### THE REGIS TUITION GUARANTEE

If the student does not meet graduation eligibility after 8 full-time semesters, Regis University will pay for the tuition costs of any additional required courses for up to one academic year. To be eligible for the Regis Tuition Guarantee, the student must meet these eligibility requirements.

- Begin their program in the fall semester and maintain continuous full-time enrollment at Regis University for 8 consecutive Fall-Spring semesters.
- Declare an initial major by the first Monday in April of their second year. The guarantee applies only to degree requirements for a single major; it does not apply to teacher licensure requirements.
- Enroll in and pass an average of 15 credit hours each semester in courses appropriate to the degree plan.
- Maintain a minimum 2.000 cumulative grade point average and maintain a minimum of "C" or better in all major courses. The student must not have more than one grade replacement during the four years.
- Regis College and College of Business and Economics students desiring to change to a different major within their respective colleges must do so no later than the first Monday in October of their third year.
- Regis College students desiring to change to Health and Exercise Science in RHCHP or a major in CC&IS must do so by the first Monday in March of their second year.
- Nursing majors must fulfill guaranteed admission requirements as defined in the University Catalog, demonstrate the Pre-licensure Essential Functions requirements, provide required

documentation related to Pre-licensure Clinical/Agency Regulations, and remain within the student's BSN cohort.

- Students who leave nursing are no longer eligible for the four-year guarantee.
- Remain in disciplinary good standing per the University's Student Standards of Conduct for all semesters.

If these eligibility requirements have been met and the student is not eligible for graduation in their major, they must:

- Apply for tuition-free studies with the respective Dean's office during the 8th semester.
- Complete the tuition-free studies within three semesters, including summer.

*\*Traditional students are defined as first time, full time undergraduate students enrolled in Regis College, the Rueckert-Hartman College for Health Professions, College of Business and Economics, and the College of Computer & Information Sciences.*

## GUIDELINES TO GRADUATE IN FOUR YEARS

To graduate in four years, the student should familiarize themselves with the degree plan requirements in the University Catalog and use the information below to provide general direction.

### Make Satisfactory Academic Progress

- Maintain continuous full-time enrollment at Regis University for 8 consecutive Fall-Spring semesters completing an average of 15 credit hours each semester, or 30 credit hours each academic year, providing for the total 120 credit hour requirement.
- Declare an initial major by the first Monday in March of the second year, or the first Monday in March of the first year for the College of Computer and Information Sciences and for the Health & Exercise Science (HES) program.
- Successfully complete the courses for the declared major, incorporating pre-requisites and core requirements in a timely manner.
- Nursing majors must fulfill seamless eligibility requirements as defined in the University Catalog, demonstrate the Pre-licensure Essential Functions requirements, provide required documentation related to Pre-licensure Clinical/Agency Regulations, and remain within the student's BSN cohort.
- If the student plans to study abroad, they must meet with their academic advisor to ensure that requirements can be met.
- Remain in good academic and disciplinary standing.

## ATHLETICS

The Athletic Department at Regis University offers a wide variety of intercollegiate sport programs. The Athletic Department is responsible for assigning use of all indoor and outdoor facilities.

The University's intercollegiate team's nickname the "Rangers," was adopted in 1921. Roamin' the Ranger is the mascot representative of all 12 varsity sports; Roamin' is modeled after a forest ranger that is

constantly on the move working to uphold the law and protect the forests. As a member of the Rocky Mountain Athletic Conference (RMAC), Regis competes in men's and women's soccer, women's volleyball, men's and women's golf, men's and women's cross country, men's and women's basketball, baseball, softball, and women's lacrosse. RU teams have qualified for the NCAA Division II National Tournament on 45 separate occasions.

The Athletic Department is open 8:30 a.m. to 5:00 p.m. each weekday, and is located on the 2<sup>nd</sup> floor of the field house. For the most up to date information visit [www.regisrangers.com](http://www.regisrangers.com).

## ENROLLMENT SERVICES

Enrollment Services at Regis University comprises the Financial Aid office, Academic Records and Registration, the Student Accounts office and Student Services. These four offices have a combined student service area located on the 4th floor of Main Hall at the Lowell Campus and student service associates situated at all campus locations to assist students with questions pertaining to financial aid, students' accounts, and academic records and registration.

## FINANCIAL AID

The Financial Aid office strives to help as many Regis University students as funds permit. Financial aid awards are made after a student has been admitted to an eligible degree or certificate program of the University and has applied for financial aid. Most awards are based on financial need. However, a limited amount of aid is available to students without need. Students are encouraged to call 303-458-4126 or, if calling from outside the Denver Metro area, toll-free at 800-568-8932 for financial aid information.

### APPLYING FOR FINANCIAL AID

Eligibility for financial aid is determined by the Free Application for Federal Student Aid (FAFSA), available on the Internet at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Students should allow ample time for the processed document to reach the Financial Aid office.

All continuing students should submit a FAFSA annually by the April 15 priority date in order to allow sufficient time for processing and to be considered for all types of financial aid, including grants and University scholarships. The FAFSA code for Regis University is 001363.

Copies of IRS federal tax return transcripts (parent and student for dependent students; or student and spouse, if married) and an Institutional Verification form may be required. In order to meet Regis' priority funding date for the following academic year (summer, fall and spring semesters), a completed FAFSA must be received by the government processor by April 15. Returning students applying ONLY for on-campus student employment, who do not plan to complete the FAFSA, should submit a Regis Student Employment Application by April 15.

### HOW ELIGIBILITY IS DETERMINED

The Free Application for Federal Student Aid (FAFSA) is analyzed according to a need analysis approved annually by the U.S. Congress and implemented by the U.S. Department of Education. Components such as income, number in family, number of household members in



college, and asset strength are integrated into the formula. The need analysis attempts to determine the amount students and their families can afford to contribute toward the student's education for one year. This amount is called the Expected Family Contribution (EFC). Results of this analysis are forwarded to the Financial Aid office(s) specified by students on the application.

The Regis University Financial Aid office determines a reasonable cost of education, including tuition, fees, books and supplies, room and board (for both campus resident students and students living off campus), personal expenses, and transportation costs. The budgets are designed to permit students to live at a modest but adequate standard during the period of education. The student's EFC is subtracted from the cost of the education budget to determine financial need or eligibility. Students who do not demonstrate financial need through this process may still be eligible for scholarships, Federal PLUS loan, Unsubsidized Federal Direct loan, or other forms of assistance offered by Regis University.

## NOTIFICATION AND DISBURSEMENT

When a student's financial aid application is complete (all forms and reports received), it is reviewed by Financial Aid personnel. If a student is eligible and funds are available, an award letter is prepared and available on WebAdvisor. The student should complete the WebAdvisor Loan Accept or Reject option if the student is accepting student loans. Most aid is divided into two or three equal payments, based on the number of semesters for which the student is enrolled. Federal loans require that students complete Entrance Counseling and Master Promissory Notes, loans will only disburse once these steps are completed.

Grant and loan funds that have been awarded are credited to the student's account within a week of the end of the add/drop period after the student has begun enrollment for the appropriate credit hours. The student will be contacted if any funds are received by check that requires personal endorsement. Any funds in excess of student expenses billed by Regis University may be used for other allowable educational expenses such as books and living expenses. These funds are not available until approximately 14 days after the add/drop period for the semester. Students should plan ahead and have sufficient resources to meet these costs for at least the first three weeks of the semester.

## UNDOCUMENTED STUDENTS

Regis University is dedicated to providing financial support to undocumented students within the limits of state and federal law. Financial aid is generally not available for undocumented students. The majority of all student aid, including Federal and Colorado student aid, requires the recipient to be a US citizen or permanent resident (green card holder) or an eligible non-citizen.

Regis University provides institutional funds to undocumented students by awarding academic and other talent-based scholarships. The majority of these scholarships are awarded at the time of admission and notice is included in the admissions letter. Students who are eligible to work in the United States can apply for on-campus student employment at [www.regis.edu/studentemployment](http://www.regis.edu/studentemployment). For more information, visit [www.regis.edu/scholarships](http://www.regis.edu/scholarships) and [www.finaid.org/otheraid/undocumented.phtml](http://www.finaid.org/otheraid/undocumented.phtml).

## TYPES OF NEED-BASED AID

After the student's completed need analysis has been received, Financial Aid office personnel prepare an award package, to the extent that funds allow for each eligible student. An aid package may be made up of the following types of awards.

### GRANTS (GIFT ASSISTANCE)

#### Federal Pell Grant

This is a federally funded program for undergraduate students with extreme financial need who are seeking a first baccalaureate degree. Application is made by using the Free Application for Federal Student Aid (FAFSA). Federal legislation limits Federal Pell Grant funds to students who have not earned a bachelor's degree. The Federal Pell Grant will be disbursed only if students have not already received the lifetime maximum amount which is the equivalent of twelve semesters full-time enrollment awards. The student's Expected Family Contribution, estimated costs, and enrollment status determine the amount of the Federal Pell grant.

#### Federal Supplemental Educational Opportunity Grant (FSEOG)

This federally funded supplemental grant may be awarded to a student seeking a first baccalaureate degree. These funds are limited. The FAFSA is used to apply for this grant. Students must qualify for Federal Pell Grants to be considered for Federal Supplemental Educational Opportunity Grants.

#### TEACH Grant

The Teacher Education Assistance for College and Higher Education (TEACH) Grant program provides up to \$4,000 per year in grant funds to students who commit to 1) teach full-time 2) in high-need subject areas 3) for at least four years and 4) at schools that serve students from low-income families. Graduate students may be eligible for \$4,000 per year (\$8,000 total) with the same commitment to teach. If the commitment is not fulfilled, the TEACH award is converted to an unsubsidized Federal Direct Loan with interest retroactive to the time of the award disbursement. Eligible applicants must meet certain academic requirements, file the Free Application for Federal Student Aid (FAFSA), and sign the required commitment statements each year.

#### The College Opportunity Fund (COF)

COF provides an amount of money (stipend) per semester hour paid by the State of Colorado on behalf of an eligible undergraduate student. The amount of stipend is set annually by the Colorado General Assembly. The stipend for eligible private institutions is 50% of the amount set for public institutions. The maximum stipend semester hours are capped at 145 semester hours, with an additional 30 hours of undergraduate semester hour eligibility available. For eligible Regis University undergraduate students, the stipend is awarded through the financial aid process.

A COF undergraduate student at Regis University is a student who:

- is classified as an in-state student;
- is a graduate of a Colorado high school or has successfully

completed a non-public home-based education program in Colorado or received a GED in Colorado;

- demonstrates financial need through the student's eligibility for the Federal Pell Grant program (student must complete the FAFSA); and
- meet any other eligibility requirements established by the Colorado Department of Higher Education.

Students are required to apply for the COF stipend program through the College Assist website. This application needs to be completed only once in a student's lifetime. The link to the College Assist application is at <https://cof.college-assist.org/cofapp>.

### **Colorado Student Grant**

Colorado Student Grants are state funds awarded to Colorado resident undergraduate students with high financial need. Students must file the FAFSA in order to be considered for this grant.

### **Regis Grant**

A Regis Grant is an award of Regis University funds for undergraduate students. A FAFSA is required because grants are based on demonstrated financial need.

### **Colorado Graduate Grant**

Colorado Graduate Grants are state funds awarded to Colorado resident graduate students with high financial need and who major in certain fields as specified by the state. These majors include math, science, computer science, and health fields.

## **LOANS (REPAYABLE ASSISTANCE)**

### **Federal Perkins Loan**

The Federal Perkins Loan is a federally funded loan with a portion of the loan contributed by Regis University. Loans may be made directly by Regis University to undergraduate students who provide evidence of financial need through the FAFSA application. Loans are repaid to Regis University. The interest rate is 5% and the repayment period begins nine months after the borrower ceases to be enrolled at least half-time. Loans under this program may not exceed \$5,500 per year as an undergraduate student with an aggregate maximum of \$27,500. Descriptions of reasons for deferment and cancellation are detailed in the promissory note. Students must complete an exit interview before leaving the University at which time the loan obligations and contingencies are discussed.

### **Federal Nursing Student Loan**

The Federal Nursing Student Loan is a federally funded loan with a portion of the loan contributed by Regis University. Loans may be made directly by Regis University to nursing undergraduate students who provide evidence of financial need through the FAFSA application. Loans must be repaid to Regis University. The interest rate is 5% and the repayment period begins nine months after the borrower ceases to be enrolled on at least a half-time basis. The aggregate maximum for the loan is \$17,000. Descriptions of reasons for deferment and cancellation are detailed in the promissory note. Students must complete an exit interview before leaving the

University at which time the loan obligations and contingencies are discussed.

### **Federal Nursing Faculty Loan Program**

The Federal Nursing Faculty Loan Program is a federally funded loan with a portion of loan funds contributed by Regis University. Loans are made directly by Regis University to nursing masters students in the education program. Financial need is not a requirement of the program and students are expected to teach nursing courses after graduation. The interest rate is 3% and portions of the loan may be cancelled after documentation of teaching employment.

### **Federal Direct Loan**

The Federal Direct Loan is a federal education loan designed to help students pay for college. To apply for a Federal Direct Loan, students must submit a FAFSA application. The FAFSA results determine a student's financial need, which affects the amount of subsidized loan that an undergraduate student can borrow. Students may be offered a subsidized or unsubsidized Federal Direct Loan, or both. If the loan is subsidized, the federal government pays the interest while the student is enrolled and through a six-month grace period after the student has graduated or ceased to be enrolled at least half-time. Students begin to pay interest on the loan when repayment begins. Graduate students are not eligible for subsidized loans.

Students may be eligible for unsubsidized loans if educational costs remain after all other financial aid is subtracted within annual and aggregate loan limits. The unsubsidized loan amount is not determined by need. Students are responsible for the interest from the time the unsubsidized loan is disbursed until it is paid in full. Students can choose to pay the interest or allow it to accumulate and be capitalized, that is, added to the principal amount of the loan. Capitalizing the interest will increase the amount to repay. Funds for student loans come from the federal government.

### **Federal PLUS Loan**

Parents of dependent undergraduate students may borrow on the student's behalf and graduate students may borrow on their own behalf. The annual maximum loan limit equals the student's cost of attendance minus any financial aid. There is no cumulative loan limit for a Federal PLUS Loan. Interest capitalization and repayment begin immediately upon loan disbursement. A federal origination will be deducted prior to disbursement. A FAFSA and a Federal PLUS Loan application are required. Need is not a factor. A credit check and the absence of adverse credit history are required.

### **Federal Graduate PLUS Loan**

A Federal Graduate PLUS loan is available to graduate students. To be eligible, a graduate student must be attending Regis University at least half time (3 graduate semester hours per term or 6 required undergraduate semester hours), file a FAFSA, apply for the Federal Direct Loan, and not have any adverse credit when a credit check is conducted.

A graduate student may borrow up to the full cost of education (as determined by the Financial Aid office) less the amount of other financial aid awarded, including Federal Direct Loans and alternative loans. The estimated cost of attendance includes tuition, room,

board, books, personal, transportation, and other educationally related expenses.

The Federal Graduate PLUS interest rate is fixed annually on July 1. Federal loan fees will be deducted from the loan amount prior to disbursement. Graduate PLUS loan repayment begins within 60 days after graduation or dropping below half-time status. Students who are enrolled at least half time will be placed in deferment status. The standard repayment period is ten years.

## EMPLOYMENT (EARNED ASSISTANCE)

### Federal Student Employment

Federal Student Employment is a federally funded work program with a portion of the funds provided by Regis University. Awards are based on need. Funds are paid to the student every two weeks for work performed. A designated number of student jobs are in community service. Students must file the FAFSA and apply by April 15 in order to qualify.

### Colorado Student Employment

Colorado Student Employment is a state-funded employment program for Colorado resident undergraduate students and may be awarded to those with or without need. Students must complete the FAFSA for need-based student employment or the Regis University Student Employment Application if they are interested in no-need student employment and apply by April 15. Payment of work-study earnings is made every two weeks based on the number of hours worked.

### Regis Student Employment

Student employment positions on campus are available on a limited basis. Students who are interested in student employment as well as other types of aid must complete the FAFSA. Students who are interested in only student employment should complete a Regis University Student Employment Application by the April 15 deadline to be considered for this award for the following fall and spring semesters.

## MERIT-BASED AID

Some types of assistance do not have financial need eligibility as a qualifying factor. Rather, they are based upon academic, leadership or athletic excellence. If the student receives both need-based and merit-based aid, the aggregate total may not exceed the student's demonstrated need. Scholarship amounts vary but most do not exceed tuition and fees.

### Board of Trustees and Regis Achievement Awards

A limited number of Board of Trustees Scholarships are offered to entering Regis College freshmen with high scholastic achievement. The award is renewed each year for a total of four years (eight semesters) as long as the recipient maintains a 3.000 cumulative grade point average. These scholarships are not available during the summer semester.

A limited number of Regis Achievement Awards are offered to entering Regis College freshmen with proven ability. The award is

renewed each year for a total of four years (eight semesters) as long as the recipient maintains a 2.750 cumulative grade point average.

### Natural Science Scholarship

This full-tuition scholarship is awarded to Regis College freshmen and transfer students who plan to major in chemistry, biology, or mathematics and who excel on a test of proficiency given at the University in February. Scholarships are renewable for up to four years of study (eight semesters for freshmen and four semesters for transfers) for students who maintain a 3.000 or higher grade point average. Recipients must remain in the field of study for which the award was made. Natural Science Scholarships are not available during the summer semester.

### Forensic Award

A limited number of awards are offered to entering Regis College freshmen and continuing students with competitive public speaking skills. Interested students should contact the Communications Department. The award is renewable each year based on review of speech performance.

### Endowed/Annual Scholarships

Regis University offers over 200 endowed and annual scholarships to students enrolled in the College of Business and Economics, the College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College, the Rueckert-Hartman College for Health Professions. These scholarships have been established through the generous support of foundations, corporations, and the University's alumni, parents, and friends. Scholarships are an investment in the students of Regis, and the University community is grateful for the vision of our scholarship donors. Scholarships are a very meaningful way to honor families, friends, and loved ones.

Criteria for each scholarship are determined by the donor, and selection is made by the Financial Aid office, and in some cases, a scholarship committee. Eligibility is based on merit and/or financial need. In most cases, selection is based on information provided by students in the general application process, including the FAFSA and academic records. Students are automatically considered for these scholarship awards at the time of application to the University; there is no separate application for most scholarships. On occasion, students may be asked to furnish additional information for selected scholarships. In most cases, scholarships are renewable for four years if the student maintains certain academic requirements and funding is available.

Donors are interested in basic information about scholarship recipients. By accepting the scholarship, a student agrees to allow the University to share this type of information with the donor.

### Endowed/Annual Scholarships 2017-2018

#### 1977 Special Endowment

Admiral Richard H. Truly and Colleen H. Truly Financial Aid Endowment

Alicia Ann Leavitt Memorial Scholarship

Alpha Sigma Nu Scholarship

Alumni Association Endowed Scholarship	Dominic Pantanella, S.J. Endowed Scholarship
Alumni Supported Graduate Degree Scholarship	Donald F. Dillon Arrupe Scholarship Fund
Anthony and Marie Cosimi Endowed Scholarship	Donald R. Gier, Sr., Project Management Scholarship Fund
Anthony F. Zarlengo Endowed Scholarship	Donovan B. Hicks and Rev. Sally S. Hicks Scholarship Fund
Arrupe Annual Scholarship	Dr. Francis J. Ozog Endowed Scholarship
Arrupe Jesuit High School Endowment	Dr. James L. Giulianelli Endowed Scholarship
Arthur and Mary Gregory Estate Endowed Scholarship	Dr. Roland J. Zarlengo and Cecelia (Peggy) M. Kaminski Zarlengo Endowed Scholarship
Augustus A. Aquino, M.D. and Noreene Aquino Endowed Scholarship	Dr. Scholl Foundation Fund
Bloedorn Scholarship	Ed Hanifen Golf Scholarship Fund
Boettcher Opportunity Award	Edna Dugan Memorial Endowed Scholarship
Boundless Opportunity Scholarship	Edward J. and Sally C. Dempsey Endowed Scholarship
Bruskotter Scholarship	Edward T. & Katherine Gibbons Endowed Scholarship
Captain Felix W. McKenna, Jr. Endowed Scholarship	Edward Timmins Scholarship for Undergraduate Business Studies
Captain George B. Kersting Endowed Financial Aid Fund	El Pomar Leadership Development Scholarship
Captain Ralph J. Dwyer, Jr. Memorial Scholarship	Elaine Perry Leadership Scholarship
Dr. Scholl Catholic Minority Endowed Scholarship	Eleanor Diss Sabin, MD Scholarship Fund
Chambers-Hemmings Endowed Scholarship	Ella Mullen Weckbaugh Memorial Endowed Scholarship
Charles & Rosalie Hora Scholarship	Ella Mullen Weckbaugh University Ministry Endowed Scholarship
Charles A. Frueauff Foundation Scholarship	Ellen L. Guest Endowed Financial Aid Fund
Charles B. Lindahl Endowed Scholarship	Eugene G. Rourke Scholarship
Charles E. Collins Memorial Endowed Scholarship	Eugene S. Witchger Scholarship Fund
Chas Gustav & Margaret Klempera Endowed Scholarship	Father Shelton Psychology and Neuroscience Student Support Fund
Cherne Endowed Scholarship	First Data Endowed Scholarship
Christina I. Alarcon Memorial Scholarship	Frances M. D'Antoni and Angela D'Antoni Endowed Scholarship
Class of 1959 Arrupe Endowment	Francis X. and Carolyn R. Byrne Memorial Scholarship
Class of 1960 Arrupe Fund	Freda T. Roof Memorial Scholarship
Class of 1968 Scholarship Endowment	Gallegos Arrupe Financial Aid Fund
Clifford Bernard and Patricia Marie Neuroth Scholarship	George Frederick Jewett Annual Scholarship
College for Professional Studies Financial Aid Fund	George Rogers Clark Brant Endowed Scholarship
College for Professional Studies MNM Scholarship	Giroux Family Endowed Scholarship
Colorado Non-Profit Leaders Endowment	Harry Hoewischcher, S.J. Endowed Scholarship
Commitment Program Financial Aid Fund	Harry Trueblood Scholarship
CVS Annual Pharmacy Scholarship	Harvey D. Rothenberg Endowed Scholarship
David M. Clarke, S.J. Fellowship	Heider Family Foundation Annual Scholarship
Dawson-St. Jude Scholarship	Helen McLoraine Student Teaching Scholarship
Dean B. and Yuriko N. McPhail Scholarship	Herschel R. Shwayder Memorial
Deloris and Alex Marcus Scholarship Fund	Hill Foundation Scholarship
Dennis A. Gatchell Scholarship	Hsu Endowed Scholarship

Hugo and Rosemary Weber Natural Science Endowed Scholarship  
Irish Community Scholarship Fund  
J.K. Mullen Endowed Scholarship  
Jack Coyne, '65 Endowed Scholarship  
James G. Hermann and Paula R. Scirati Scholarship Fund  
James P. Butler Class of 1959 Endowed Scholarship Fund  
James R. and Sighe A. Prall Endowed Scholarship  
James Whitney Marsh Scholarship Fund  
James W. Martin Scholarship  
Jean and Dennis McDaniel Scholarship  
Jewish Students Endowed Scholarship  
JHR Endowed Scholarship  
John and Jeannie Fuller Endowed Scholarship  
John J. and Margaret M. Conway Family Scholarship  
John K. and Catherine S. Mullen Scholarship  
John M., Jr. and Loretta A. Kelly Financial Aid Fund  
John P. "Jack" Teeling, S.J. Annual Scholarship  
John P. Fitzgibbons, S.J., Endowed Scholarship  
John R. Moran, Jr. Health Professions Scholarship Fund  
John S. Wells Annual Scholarship  
Joseph A. Ryan, S.J. Endowed Scholarship  
Julian A. Aceves Endowed Scholarship  
Kathleen M. O'Brien Annual Scholarship  
Kathleen S. Nutting MAE Director Emeritus Award  
Kathy Fortune Arrupe Scholarship Fund  
Kathy Fortune Memorial Scholarship  
Leah Anne Shiely Endowed Scholarship  
Lee/David Family Scholarship  
Leon Lascor Endowed Scholarship  
Lois B. Hayna Endowed Creative Writing Scholarship  
Louise Patricia Esquivel Maestas & Gilbert Boniface Maestas, M.D., '48 Endowed Scholarship  
Luke Daniel Young Excellence in Nursing Endowment  
Lydia M. Peña, S.L. Endowed Scholarship  
Lyle Gene Fuchs Endowed Scholarship  
Mae Lewicki Annual Scholarship  
Maggie Kathryn Berkebile Endowed Nursing Scholarship  
Margaret B. Smith Endowed Financial Aid Fund  
Margaret L. Cloonan Endowed Scholarship

Margaret R. Doyle, R.N. Endowed Scholarship  
Marian and AC Cabela Endowed Scholarship  
Marian Verette (Pierce) Scholarship Fund  
Martin Arrupe Annual Scholarship Fund  
Martin T. Hart Endowed Fund  
Mary L. Robbins Endowed Scholarship  
Mattie D. Brown African American Scholarship  
May Bonfils Memorial Scholarship  
Maybethe Rhodes Buck Endowed Scholarship  
Meaghan Gallagher Memorial Scholarship  
Michael J. Sheeran, S.J. Endowed Scholarship  
Michael J. Scherr Endowed Scholarship  
Military Scholars Fund  
National Association of Chain Drug Stores Foundation Pharmacy Partners Scholarship  
Native American Endowed Scholarship  
Notarianni Family Scholarship in Memory of Elissa A. Notarianni  
Pacesetters Endowed Scholarship Program  
Pascual Ledoux Endowed Financial Aid Fund  
Patricia Ladewig Spirit of Loretto Endowed Scholarship  
Patricia Brin Levinger Scholarship  
Patrick D. Vinton Memorial Scholarship  
Paul and June Schmitz Endowed Scholarship  
Pauline Collins Stewart Endowed Scholarship  
Porter-Billups Endowed Scholarship  
Premier Bank Endowed Scholarship  
Quality and Patient Safety Scholarship  
QWEST Endowed Scholarship  
Ralph and Trish Nagel Arrupe Annual Scholarship  
Raymond A. Hutchinson Endowed Scholarship  
Regis College Financial Aid Fund  
Regis Endowed Student Scholarship  
Regis Student Veterans Association Scholarship  
Rev. Sally S. Hicks Scholarship Fund  
Richard and Mary Pat McCormick Endowed Scholarship  
Richard M. and Susan P. Schafbuch Scholarship Fund  
RJ Friend, P.F. Annual Scholarship  
Robert Henderson Memorial Endowed Scholarship  
Robert J. Lacey Annual Accounting Scholarship



Robert J. Lacey Endowed Accounting Scholarship  
 Ronald S. and Mary Brockway Endowed Scholarship  
 Rueckert-Hartman College for Health Professions Financial Aid Fund  
 Ruth Shy Wilson Endowed Scholarship  
 RxPlus Annual Scholarship  
 S. Dean Allison Pharmacy Endowed Scholarship Fund  
 Safeway Annual Pharmacy Scholarship  
 School of Pharmacy Principled Scholarship  
 Schramm Foundation Endowed Scholarship  
 Second Century Endowed Scholarship  
 Special Education Endowed Scholarship  
 Stephen James Atencio Endowed Scholarship  
 Stephen R. Krieger, S.J., Endowed Scholarship  
 Steve Graham Capacity Building Scholarship  
 Student Teaching in Catholic Schools Scholarship  
 Thin Blue Line – Lieutenant Joe Ferraro Memorial Scholarship  
 Thomas J. Steele, S.J., Endowed Scholarship  
 Thomas W. and Hanna R. Nevin Endowed Scholarship  
 Timothy L. and Julie G. Brake Financial Aid Fund  
 TJ Myrick Memorial Endowed Scholarship  
 Tracy Family Scholarship for Native American Students  
 UPS Scholarship  
 Victor A. and Judith S. Perrella Family Scholarship  
 Vincent C. Paris and Vincent R. Paris and Marie A. Cartone Scholarship  
 Vincent N. and Marilyn Schmitz Endowed Financial Aid Fund  
 Viola Vestal Coulter Foundation Scholarship  
 Virginia May Dill Heppting Scholarship  
 Walgreen's Diversity Scholarship  
 Walter F. Imhoff Annual Scholarship  
 Walter L. O'Hayre, M.D. Endowed Scholarship  
 Walter S. Rosenberry III Endowed Scholarship Fund  
 Wells Fargo Fund for Disadvantaged Youth  
 William Randolph Hearst Endowed Scholarship  
 William S. Levings Endowed Scholarship  
 William T. Miller, S.J. Endowed Scholarship  
 William Tuomey Diss Memorial Endowed Scholarship  
 Wilma Jean Hart Endowed Financial Aid Fund  
 Women with a Cause Endowed Scholarship in Memory of Lucille

"Dutchess" Scheitler

Women's Golf Team Endowed Financial Fund

Xcel Energy Environmental Studies Scholarship

Xcel Energy Kelly Teacher Education Scholarship for STEM Majors

Zarlengo Family Scholarship

### **Athletic Awards**

Athletes in baseball, volleyball, basketball, softball, lacrosse, cross country, soccer, and golf may be awarded athletic grants by the Athletic Department at Regis University. Students should contact the Athletic Department or coach of their sport. Additional aid may be awarded from other sources if the FAFSA is completed and further eligibility is indicated. Students who receive full athletic grants for tuition, fees, and room and board may not receive other gift aid except for Federal Pell Grants. All awards must comply with NCAA rules, including the academic eligibility prescribed. Renewal conditions are set by the athletic department.

### **OTHER SOURCES OF AID**

#### **Bureau of Indian Affairs**

Grants are available to students who are at least one-fourth Native American, Eskimo, or Aleut and who are issued an Indian Certification by their tribe. This grant is usually a supplement to other types of financial aid. Students should apply to a Bureau of Indian Affairs agency.

#### **Dependent's Tuition Assistance**

This program provides tuition assistance for dependents of National Guardsmen, law enforcement officers, or firefighters killed or disabled in the line of duty. It also assists dependents of Coloradans who were prisoners of war or missing in action. Students should apply through the Colorado Department of Higher Education.

#### **Division of Vocational Rehabilitation**

Students with physical or emotional needs may be eligible for assistance for tuition, fees, books, supplies, maintenance, medical services, and transportation. The Division of Vocational Rehabilitation may be contacted for additional information at 800-827-1000.

#### **Employee Tuition Benefit (ETB)**

ETB is available to eligible employees of Regis University and to their spouse and dependent children. Eligibility for benefits varies according to the number of hours and months an employee has worked. Students must be admitted to an eligible program and be eligible to receive the benefit, including meeting the minimum requirements of the financial aid Satisfactory Academic Progress policy. Complete details are included in the ETB application available in the Human Resources Department.

### **Tuition Exchange and Faculty Children's Exchange (FACHEX)**

Faculty and Staff Children Exchange Program is an undergraduate tuition scholarship program available to the children of full-time faculty, administration, and staff of participating institutions. It allows children who are eligible for tuition remission at their home institution (parent's employer) to be considered for tuition scholarship funds from one of the other participating Jesuit colleges. It is not a guaranteed benefit since Regis University does not control the selection/awarding process at the other participating Jesuit colleges and universities and Regis University does not have sufficient funds to award every student who applies to attend here with FACHEX. Contact Financial Aid for more information.

### **Outside Scholarships**

The Financial Aid office at Regis University, high school guidance offices, and public libraries have listings of scholarships provided by companies, individuals, and trusts outside the University. The Regis University website provides access to a scholarship database at [www.regis.edu/financialaid](http://www.regis.edu/financialaid).

### **State Scholarship/Grant Programs**

Some states, such as Alaska, Connecticut, Delaware, District of Columbia, Massachusetts, Vermont, Pennsylvania, and New Hampshire, offer grant and scholarship assistance for students attending Regis University. Information on these programs may be obtained from a school counselor or the Higher Educational Assistance Agency in the student's home state.

### **Veterans' Benefits**

The University is approved by the State Approving Agency of Colorado, a division of the State Board for Community Colleges and Occupational Education, to offer courses of education and training for veterans and eligible dependents under the provisions of the Department of Veterans Affairs. Veterans and other eligible persons should obtain their certificates of eligibility from the regional office of the Department of Veterans Affairs (VA) before entrance into the University.

The payment of benefits by VA differs according to half-time or full-time enrollment. Students who are eligible for veterans' benefits should check with the Regis University certifying official in the Academic Records and Registration office for specific information about their particular program. Additionally, students receiving veterans' benefits must notify the Regis University certifying official under the following conditions:

- the student is temporarily withdrawing from the program;
- the student is permanently withdrawing from the program;
- the student is changing programs and/or majors; or
- the student is attending another college or university.

### **INTERNATIONAL STUDENTS**

Federal and state financial aid funds are restricted to citizens and permanent residents of the United States. International students with F-1 or J-1 visa types who seek employment on or off campus must

follow procedures specified by the Designated School Official in the Office of International and Experiential Education in order to maintain legal status. If required standards are met, foreign students may apply for scholarships and institutionally funded grants.

### **CONSORTIUM AGREEMENTS**

The Financial Aid Consortium Agreement is an agreement between Regis University and an eligible college to share enrollment information and records for student financial aid eligibility.

Under a Consortium Agreement, Regis University may act as the Home school, meaning the student intends to receive his or her degree or certificate from Regis. The other school acts as the Host school. Students may take classes that Regis University approves for credit at the other college, and those credits will be transferred to Regis. Under this agreement, students can be considered for financial aid if they are at least half-time students, combining classes at both schools the student is attending. Students must renew their consortium agreement each semester.

### **Registration/Enrollment**

Students should enroll in a degree-granting program at Regis University and create a degree plan with a Regis University advisor. This plan may be altered with the advisor's approval.

At the beginning of each semester, students must register for all courses they will take during that semester. If a student is taking courses at Regis University, he/she follows the standard registration process at Regis. Students who are taking courses at a Host school must meet with a Regis University academic advisor for pre-approval of their planned courses before they register. They should also complete a Concurrent Enrollment Form (CEF) to ensure that courses at the Host school will transfer for credit at Regis.

When registering at a Host school, students should identify themselves as a Regis University student. If courses are taken at Regis, tuition is paid to Regis. If courses are taken at a Host school, tuition is paid by the student to the Host school.

Students attending a Host school should apply for financial aid through Regis University. Students must:

- submit a FAFSA;
- complete an Authorization to Release Information form; and
- contact the Financial Aid office at Regis University to complete any additional forms as appropriate.

Courses approved by the Regis University academic advisor and taken at a Host school are considered for financial aid eligibility. Students must notify the Financial Aid office if their enrollment plans change, since enrollment status affects financial aid eligibility.

Financial aid is not paid until the Financial Aid office receives verification from the Host school that a student is enrolled for the minimum required credits. This occurs after the Host schools' add/drop period. Any credit refund from financial aid proceeds is processed within two weeks after financial aid is credited to the student account at Regis University.

Regis University has entered into a consortium agreement with the Colorado Community College System, which includes the following 13 Colorado community and junior colleges:

Arapahoe Community College

Colorado Northwestern Community College

Community College of Aurora

Community College of Denver

Front Range Community College

Lamar Community College

Morgan Community College

Northeastern Community College

Otero Junior College

Pikes Peak Community College

Pueblo Community College

Red Rocks Community College

Trinidad State Junior College

Students may individually enter into a consortium agreement with Regis University if attending classes abroad or at certain other colleges not part of the Colorado Community College System. For more information concerning these consortium agreements or to explore the possibility of an agreement with a different institution, please contact the Financial Aid office at 800-568-8932.

## STUDY ABROAD

Enrollment in a program of study that is approved for credit by the student's academic advisor may be considered as enrolled at Regis University for the purpose of being eligible for federal and state financial aid. Students who are juniors or seniors with a minimum grade point average of 3.0 and clean disciplinary records should contact the Regis College Office of Summer Session and Study Abroad for Study Abroad program details. If approved for participation, interested students should contact the Regis University Financial Aid office for more financial aid information.

## ENROLLMENT REQUIREMENTS

In some cases, the student must be enrolled as a full-time student in order to qualify for financial assistance. Most aid programs allow for less than full-time attendance, but the student must generally be enrolled at least half time in order to qualify. The student award letter specifies the enrollment requirements upon which the financial aid award is based.

### Undergraduate Status Credit Hour Requirement

Full-Time	12 or more semester hours
Three-Quarter Time	9 to 11 semester hours
Half-Time	6 to 8 semester hours

### Graduate Status Credit Hour Requirement

Full-Time	6 or more graduate semester hours
Half-Time	3 to 5 graduate semester hours

NOTE: If undergraduate classes are required for a graduate degree, the student must have at least six undergraduate semester hours to be considered a half-time student.

## SELECTIVE SERVICE REGISTRATION

All individuals required to register for the draft, in accordance with the Military Selective Service Act, must comply with this mandate or forfeit eligibility for federal student aid.

## SATISFACTORY ACADEMIC PROGRESS

The federal and state governments require the Financial Aid office to monitor the academic progress of students who are receiving federal, state, or institutional assistance. All hours attempted and completed are reviewed. Cumulative grade point averages and maximum hours of financial aid eligibility are monitored once per year. The full policy for Satisfactory Academic Progress is posted on the Regis University website.

## REFUNDS DUE TO WITHDRAWAL

Scholarships, grants and loans normally are not credited to a student's account until after the add/drop period for the student's academic program each semester. At this time enrollment status is verified and, if required, adjustments are made. Financial aid is not credited to a student's account if no enrolled hours can be verified or enrolled hours are insufficient based on the level on the award letter. Students who completely withdraw after aid has been credited may have their aid adjusted in accordance with federal and state regulations.

Withdrawal does not eliminate financial obligation to the University. Charges owed to the University at the time of withdrawal are the student's responsibility based on the University's tuition and housing refund policies. Details of these policies are available in the Student Accounts office.

There are specific federal, state and University withdrawal policies regarding tuition and fees, housing charges, refunds to financial aid programs, and repayments resulting from withdrawal.

The student's withdrawal may result in a return of funds to the federal financial aid programs, and the student may have to repay those funds.

There are three situations that may require immediate repayment of financial aid funds when a student withdraws:

If University charges are reduced as a result of withdrawal, and a student account credit balance is created, these funds may be used to repay financial aid programs, depending on the amount of financial aid and the date of withdrawal.

A student may have to repay financial aid funds that are in excess of an amount determined to be reasonable for the length of enrollment. This repayment is based on federal guidelines.

If withdrawal occurs prior to fully establishing enrollment eligibility, the entire financial aid award, including any credit balance, will be repaid to the financial aid programs. This may result in a balance due to the University.

Earnings in student employment programs are paid through the time of withdrawal. Students may not continue student employment after withdrawing from the University.

Financial aid is for enrolled students only. Except in rare situations, financial aid cannot be disbursed after withdrawal. Students who

receive financial aid and withdraw may be placed on financial aid suspension. Refer to the full Satisfactory Academic Progress Policy on the University website.

Information regarding the federal regulation for calculating refunds and repayments and the order of financial aid programs to which aid is restored is included in a detailed Withdrawing and Financial Aid policy statement available on the Financial Aid website.

## STUDENT ACCOUNTS

### TUITION, FEES, ROOM AND BOARD CHARGES

Tuition, fees, and room and board charges are posted to students' accounts as they are assessed. Current rates can be found in each college section of this *Catalog*. Payments are applied to accounts when received by the University. Students may call 303-458-4126 with questions concerning their account. If calling from outside the Denver Metro area, the toll-free number is 800-568-8932.

### FINANCIAL POLICIES

Tuition, fees, and other charges described in this *Catalog* are good faith projections for the current academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

There may be other fees and charges that are not specified in this *Catalog*. These fees and charges may be ascertained by contacting the University office that administers the program or activity in which the student intends to enroll or engage. Additionally, a non-refundable tuition deposit may be required by an individual program upon official acceptance to the University.

Regis University reserves the right to restrict and/or drop registration. The University will not register a student or issue official transcripts, diplomas, or other educational credentials or certifications to or on behalf of any student or former student with a financial obligation, which includes without limitation a financial obligation resulting from a student receivable balance, fee and fine receivable balance, Federal Perkins, Federal Nursing loan, Nurse Faculty Loan Program, and other institutional loans.

At the time of registration, the student accepts financial responsibility for all tuition and fee charges. Full payment of the student account balance is due by the published due date. If the balance is not paid by the due date, late fees will be assessed and the student account will be considered in default. It is the responsibility of the student to update Regis University with address and phone number changes and other pertinent contact information. Failure to receive invoices, reminders, or past-due notices does not relieve the student of his or her financial obligation. Students who are referred to a collection agency, even if the referral is due to an incorrect address on file, are obligated to pay any and all collection fees incurred.

Failure to pay on a past due balance will result in the account being sent to external collection agencies. Upon non-payment of a past due balance, Regis University may declare the balance due and payable. At the time of registration, students agree to reimburse Regis University the fees of any collection agency up to 33% which may not be reflected in the statement of account, which may be based on a percentage of the debt, and all the costs, fees and expenses, including late fees and all other applicable charges to Regis University. In the event this agreement is placed in the hands of an attorney for collection through legal proceedings or otherwise, it is the responsibility of the student to pay late fees, attorney fees, court fees and costs, and all other applicable charges to Regis University.

Electronic signatures are equal to signed promissory notes. Tuition deferments, payment agreements, and RPO payment plans are equal to loans and are not dischargeable in bankruptcy. Disputed past due accounts shall be governed by Colorado law, excluding its conflicts of law's provisions. In the event of default, Regis University and its respective agents reserve the right to report defaulted information to the credit bureaus. Once a delinquent account that was placed with a collection agency is paid off by the student, the student will be placed on a pre-pay status for two semesters with registration for any future registrations.

## INTERNATIONAL STUDENTS

International students are required by law to financially support all expenses associated with studying in the United States. An International student is defined as a person who holds citizenship in a country other than the United States and/or possesses a temporary visa.

### Nonresident Aliens

A nonresident alien is a person who is not a citizen or national of the United States, who is in this country on a temporary basis, and who does not have the right to remain indefinitely. Nonresident aliens are required by law to financially support all expenses associated with studying in the United States. Payment is due by the term's published due date. Other payment options are not available to nonresident alien students. If payment is not received by the tuition due date nonresident students will automatically be dropped for non-payment. As a courtesy, tuition due date reminders will be sent to the student's Regis email prior to the dues dates.

### Permanent Residents or Resident Aliens

A permanent resident or resident alien is not a citizen or national of the United States, but has been lawfully admitted for permanent residency, holds an alien registration receipt card, and has a valid social security card. Permanent resident students are eligible for the regular payment options offered.

## PAYMENT METHODS FOR ALL STUDENTS

### PAYMENT METHODS

Regis University accepts cash, checks, debit cards, money orders, and credit cards. The following credit cards are accepted: Visa, MasterCard, Discover, and American Express. Cash payments can only be accepted at the Northwest Denver Campus (see below).

**Pay Online:** To view your account summary and to make online payments go to WebAdvisor, click "Students" and then "Make a Payment." An Online Convenience fee may apply.

**Pay By Phone:** Call 303-458-4126 or Toll Free at 800-568-8932.  
Monday - Friday, 6 a.m. to 10 p.m.  
Saturday, 8 a.m. to 3 p.m.

**Pay By Mail:** Mail to: Regis University  
3333 Regis Blvd, A-8  
Denver, CO 80221-1099  
Be sure to put your student ID on your check.

**Pay On Location:** Payments (except cash) can be taken at any Regis University location.

**Cash payments:** Can only be accepted at the Cashier's Office, Garden level, Main Hall, Lowell Campus.

### Course Schedule Update E-mail and Paper Registration Invoice

Students automatically receive a course schedule update e-mail when there is add or drop registration activity on their account. Also, a registration invoice is mailed to the student within 10 days after changes in registration occur and a revised balance is due.

### Sponsored Billing

Regis University can set up a direct billing arrangement with companies or agencies that are willing to cover a student's tuition and fees. Sponsors may enter into a pre-established contract provided by Regis University. For more information on the initial set-up, please contact the Sponsored Billing Representative at 303-458-4079. Students should consult with their employer or sponsor to determine if a direct billing agreement has been established with Regis University.

Once the direct billing arrangement has been set-up with the University, Regis will directly bill the sponsor once proof from the sponsorship is received. Such proof can be a financial guarantee letter from the employer that includes student name, student ID, course title(s), tuition amount, name, address, and contact information on where the bill should be sent. The financial guarantee letter should be submitted to the Student Accounts office by the tuition due date to be accepted. It is the student's responsibility to facilitate the submission of proof for each term. If the sponsor does not pay the balance owed, the financial obligation will then be the responsibility of the student. The student will be obligated to meet the University's financial policies outlined in this *Catalog*. If the sponsor payment is not sufficient to cover tuition and fees, the student will have to either pay their portion or make payment arrangements by the due date for that class.

Sponsored Billing is NOT tuition reimbursement. Tuition reimbursement means that the student is responsible for paying the tuition and is reimbursed at a later time by the employer.

## REFUNDS

### Financial Aid Refunds

When financial aid is disbursed into the student account, it will be applied to tuition and fees. If a credit balance exists after tuition and fees are paid, a refund check will be mailed to the student within 14 days from the date funds are credited to the student account. The student may request that funds be deposited directly into his or her bank account (Direct Deposit) within 14 days. Information regarding the Direct Deposit option is located on WebAdvisor/Student Accounts/Direct Deposit.

By federal regulation, PLUS credit balances are paid to the parent unless the parent authorizes Regis University in writing to release the credit balance to the student. The Parent's PLUS Refund Authorization form can be found at [www.regis.edu/studentaccounts](http://www.regis.edu/studentaccounts).

### Withdrawal and Proration of Tuition

Students who withdraw from courses after the add/drop period may qualify for a partial credit of tuition. Credits are calculated at rates established for each week. Withdrawal procedures vary depending on the student's college and level. Information about withdrawal procedures and deadlines is available in this section of the *Catalog* under Academic Records and Registration 'Withdrawal' heading. The date the online Withdrawal Form is submitted will be used to determine the amount of credit, if applicable. Students are also obligated to return financial aid funds under the Title IV Federal Regulations. Due to this obligation, Regis University returns in accordance with Return of Title IV Funds regulations back to the Department of Education creating a chargeback on the student's account. The student will have to pay Regis University directly for all financial aid chargebacks that occur on the student's account. Please contact the Financial Aid office for information on how withdrawals can affect financial aid. The following tables show the amount of refund students will receive depending on the length of the term. Variable course refunds are not shown and may vary.

#### 5 Week Courses

Week 1	100%
Week 2	60%
Week 3	40%
Week 4	0%
Week 5*	0%

#### 8 Week Courses

Week 1	100%
Week 2	80%
Week 3	40%
Week 4	20%
Week 5-6	0%
Week 7-8*	0%



**Semester Courses**

Week 1	100%
Week 2	80%
Week 3	60%
Week 4	40%
Week 5	20%
Week 6-12	0%
Week 13-16*	0%

\* Students cannot withdraw from a course during these time periods.

**Other Refunds**

If a valid credit balance exists on a student's account because of a withdrawal from a class, adjustments, and/or over-payments, a refund will be generated or applied to future course tuition and fees. If the student paid by credit card, the refund will be returned to the credit card.

**CREDIT BALANCE HOLD REQUESTS**

If the student wants a credit balance to be held in the student's account, the Credit Balance Hold form must be completed and can be found at [www.regis.edu/studentaccounts](http://www.regis.edu/studentaccounts).

**PAYMENT POLICY, DUE DATES, AND PAYMENT OPTIONS****TRADITIONAL SEMESTER-BASED PROGRAMS**

Semester-based programs include the following:

Regis College Undergraduate

College of Computer & Information Sciences Traditional Undergraduate

College of Business and Economics Traditional Undergraduate

Traditional Nursing Program

Master of Science in Biomedical Sciences

Doctor of Physical Therapy

Doctor of Pharmacy

Tuition and fees are due on the first day of the month prior to the start of the academic period. The fall due date is August 1 the spring due date is January 1. Students who register within a week of the start of the academic period may not receive an invoice before payment is due. Loss or delayed receipt of the bill does not relieve students of the obligation to pay on time. If the student registers after the tuition due date, payment is required at time of registration. If payment is not received by the due date, a \$300 late fee will be assessed to the student's account; all past due balances must be paid prior to further registration including schedule changes or issuance of an official transcript. Furthermore, the University reserves the right to drop any current and/or future registration due

to non-payment. Students can access WebAdvisor for current and upcoming charges and due dates as well as to pay online. To obtain a copy of an invoice or for additional information, call 303-458-4126 or 800-568-8932. For more student account information, students may access the website at [www.regis.edu/studentaccounts](http://www.regis.edu/studentaccounts).

**REGIS PAYMENT OPTION (RPO)**

An interest-free Regis Payment Option (RPO) is offered to students enrolled in semester-based courses in the Regis College and Traditional Nursing Undergraduate Programs and Doctor of Physical Therapy and Doctor of Pharmacy Programs. This plan makes tuition payment more manageable by spreading all or part of the semester tuition expenses over four, five, or six monthly payments. The RPO is due by the regular published tuition due dates; August 1 for fall, January 1 for spring, and May 1 for summer.

The enrollment cost for the Regis Payment Option requires a non-refundable \$50 per semester enrollment fee to cover the administrative cost of this plan. Interest charges are not assessed on the plan balance. A \$15 fee will be assessed for any late monthly payment. A new RPO application must be submitted each semester. Transcripts and diplomas will not be released to students in an active RPO, as this is a financial obligation owed to Regis University. For more student account information, students may access the website at [www.regis.edu/studentaccounts](http://www.regis.edu/studentaccounts).

**NON-TRADITIONAL PROGRAMS**

Non-traditional programs include the following:

**College of Business and Economics**

Graduate

Undergraduate Post-traditional (Adult)

**College of Computer and Information Sciences**

Graduate

Undergraduate Post-traditional (Adult)

**College of Contemporary Liberal Studies**

Graduate

Undergraduate

**Regis College**

Master of Arts in Education

**Rueckert-Hartman College for Health Professions**

Accelerated Nursing Program

CHOICE Nursing Program

Health Care Administration

Health Information Management

RN-BSN Nursing Program

RN to MS Nursing Program

Master of Arts in Counseling

Master of Arts in Marriage and Family Therapy

Master of Science Nursing Program

Master of Science in Health Services Administration

Doctor of Nursing Practice

For non-traditional programs, tuition and fees are due by the add/drop date of the academic term. Loss or delayed receipt of the bill does not relieve students of the obligation to pay on time. If payment is not received by the due date, a \$75 late fee per course will be assessed to the student's account and all past due amounts need to be paid prior to further registration or issuance of an official transcript. Furthermore, the University reserves the right to drop any current and/or future registration due to non-payment. Students can access WebAdvisor for current and upcoming charges, due dates, online payments, and to defer courses. Invoices can be faxed to expedite tuition and fee payment by the due date. To obtain a copy of an invoice or for additional information, call 303-458-4126 or 800-568-8932. For more information on Student Accounts, students may access the website at [www.regis.edu/studentaccounts](http://www.regis.edu/studentaccounts).

## PAYMENT OPTIONS

### Tuition Deferment

Regis University offers non-traditional students an option to defer tuition payment. Students may defer the tuition due date and payment 90 days from the start of the term. Deferred tuition is due in full on or before the deferred payment due date. Course fees cannot be deferred.

The deferment fee is \$40 per course. Payment of the deferment fee and a completed Online Tuition Deferment must be received by the course add/drop date. The Online Deferment and fee can only be submitted online through WebAdvisor. Deferment fees are not transferable or refundable.

If tuition payment is not received by the deferred due date, a \$75 per-course fee is assessed to the student account and all future academic period registrations may be dropped. If a company reimburses the student for tuition, it is the responsibility of the student to pay by the tuition due date. The tuition deferment is not dependent on grades or course completion.

### Military Deferment

Students on active military duty may defer tuition as described above at no charge (requires a copy of active military ID).

## ACADEMIC RECORDS AND REGISTRATION

The following policies apply to College of Business and Economics, College of Computer & Information Sciences, College of Contemporary Liberal Studies, Regis College, and Rueckert-Hartman College for Health Professions. Students are advised, however, that when policies exist in an academic program or department that differ from the general policies, the program or department policy listed in the appropriate section of this *Catalog* takes precedence.

## CHANGES IN PROGRAMS, COURSES AND SERVICES

The University reserves the right to terminate or modify program requirements, content, and the sequence of program offerings from one academic term to the next for educational reasons it deems sufficient to warrant such actions.

Further, the University reserves the right to terminate programs, courses or services from time to time for financial or other reasons it determines warrant such action. The content, schedule, requirements, and means of presentation of courses may be changed at any time by the University for educational reasons that it determines are sufficient to warrant such action. Programs, services, or other activities of the University may be terminated at any time due to reasons beyond the control of the University including, but not limited to, acts of God, natural disasters, destruction of premises, labor disturbances, governmental order, financial insolvency, or other reasons or circumstances the University determines warrant such action.

The course descriptions contained in this *Catalog* are based upon reasonable estimations and projections of faculty qualifications and availability, and other appropriate educational considerations. The matters described are subject to change based upon changes in circumstances on which these projections were based as deemed necessary by the University to fulfill its role and mission, meet accreditation standards, and for other reasons described above.

Changes in programs, courses and services are applicable to degree plans and other programmatic plans.

## COURSE AVAILABILITY

Regis University does not guarantee that courses will be offered at the same campus location or in the same learning format as they were offered for a previous academic period. A course is subject to cancellation if the minimum student registration for that course is not met.

## STUDENT RESPONSIBILITY

Each student is personally responsible for information in this section. Failure to read and understand these regulations does not relieve a student of responsibility. Further, any announcements concerning academic regulations or programs published in this *Catalog* are binding on all students.

Academic advising is provided to assist students in planning their academic programs. Advisors are not authorized to change established policy of the University. Students are solely responsible for ensuring that their academic programs comply with the policies of the University. Any advice that is at variance with the established policy must be confirmed by the appropriate dean's office.

## TRANSFER/COMPETENCY-BASED CREDIT

### Undergraduate

Transfer credit is awarded for college-level work completed at other colleges and universities that are accredited by a regional accrediting association (e.g., North Central Association). Undergraduate transfer courses in which grades of "C-" or better have been earned are

equated to Regis courses when possible. Otherwise, acceptable courses are assigned an appropriate department prefix and course level (upper division "UD" or lower division "LD"). A maximum of 90 semester hours may transfer toward an undergraduate degree. Quarter hours are converted to semester hours by using a 3:2 ratio.

Competency-based credit may be awarded for approved non-classroom experiences. This includes recommendations by the American Council on Education for military and corporate training, Regis University credit-by-exam, Prometric Learning Center credit-by-exam, national standardized exams [College Board Advanced Placement (AP) Examinations, College Level Examination Program (CLEP), Defense Activity for Nontraditional Education Support (DANTES) subject standardized testing program, National College Credit Recommendation Services (NCCRS), International Baccalaureate Program (IB), ACT Proficiency Examination Program (PEP), National League for Nursing (NLN) tests], and life experience credit. When students are granted competency-based credit for a course, the credit is considered as a substitute for the course. If advanced placement is granted without credit in a subject area, the hours required must be satisfied by taking advanced courses.

Acceptance of transfer or competency-based credit varies by degree program.

### Graduate

In graduate programs for which transfer credit is permitted, transfer credit is awarded for graduate-level coursework for which a grade of "B-" or better has been earned at other colleges and universities that are accredited by a regional association (e.g., North Central Association of Colleges and Schools). A maximum of six semester hours may also be awarded for graduate-level recommendations by the American Council on Education for military and corporate training (ACE) if the credit recommended is appropriate for degree requirements. Of the total semester hours required for any one of the graduate degree programs, no more than 20% of the total semester hours required may include transfer/competency-based coursework or coursework included in a previously earned graduate degree from a transfer institution or from Regis University. Transfer credit is approved by the dean or designee of each graduate program. Only credit completed within the last ten years is eligible for transfer consideration.

Transferable graduate work is equated to Regis courses when possible. Quarter hours are converted to semester hours by using a 3:2 ratio. Graduate degree programs may have more restrictive or more specific transfer credit policies in addition to the general policies stated above. Specific transfer policies appear in the appropriate graduate degree section of this *Catalog*.

### UNIT OF CREDIT

The unit of credit at Regis University is the semester hour. Throughout this *Catalog*, references to "hours" of University credit or "credit hours" are intended to denote semester credit hours unless otherwise clearly noted.

### CREDIT LOAD

**Undergraduate Status** Full Time 12 or more semester hours  
Part Time 6-11 semester hours

**Graduate Status** Full Time 6 or more semester hours  
Part Time 3-5 semester hours

Refer to the appropriate college section for policies and procedures on course overload.

### CLASS LEVEL

Undergraduate class level is determined by the number of semester hours completed as follows:

Class	Semester Hours Earned
Freshman	0-29
Sophomore	30-59
Junior	60-91
Senior	92 or more

Coursework in progress is not used when determining current class level.

### CLASS ATTENDANCE

Students are expected to make every effort to attend all class meetings. Attendance standards may be established by individual instructors and reflected in the course syllabus.

### COURSE NUMBERING SYSTEM

Standardized course numbers used by Regis University according to academic rigor of the course are distributed in the following ranges:

100-199	Remedial
200-299	Lower division (freshman level)
2000-2999	Lower division (freshman level)
300-399	Lower division (sophomore level)
3000-3999	Lower division (sophomore level)
400-499	Upper division (junior and senior level)
4000-4999	Upper division (junior and senior level)
500-599	Post-baccalaureate (graduate level; not part of a master's degree program)
600-699	Masters (graduate level)
6000-6999	Masters (graduate level)
700-799	Doctoral (graduate level)

Additional course number designations are applied to courses that have specific content for undergraduate and graduate work. The following numbers and descriptions apply to courses that meet this requirement:

490, 690

4900, 6900 Independent Study: Research under the direction of a faculty member in a discipline or topic of study not covered in a scheduled course.

495, 695

4950, 6950 Seminar: Intensive research under the direction of a faculty member in a theme or topic specific to junior, senior, or graduate level, major or minor study.

496, 696

4960, 6960 Senior/Master's Project: Capstone experience representing significant effort on the part of the student in demonstrating understanding of the program emphasis.

697

6970 Professional Paper: Qualitative research within an organization that enhances the future effectiveness of the enterprise.

498, 698

4980, 6980 Internship: Practical experience in a field of study applicable to the student's career choice.

499, 699

4990, 6990 Thesis: Advancement of an original point of view as a result of research and an opportunity to defend it before a faculty committee appointed by the department/program director.

XXX(A-D) Courses that are taught in sequential order and require further study for topic completion.

XXX(E-W) Courses that are grouped under a broad topic or theme of study, with allowance for repeatability under different sub-topics and letter designations.

## COURSE PREFIX DESIGNATION

In addition to the number identifying where a course fits within a discipline, each course is assigned a prefix that identifies the appropriate discipline, field, or department. For example, the numerical designations for courses in Chemistry are preceded by CH, in English by EN, and in Religious Studies by RS.

## ADD/DROP

Students may add/drop courses through the end of the published add/drop period for each term/semester online through WebAdvisor, in person, by phone, or at any Regis University site. When students drop a course within the add/drop period, the course does not appear on the transcript and tuition charges are credited to the account. Course may not be added or dropped after the final day of the designated add/drop period. See withdrawal process listed below.

Each student is responsible for completing, dropping, or withdrawing from all courses listed on his or her schedule. The schedule is retained in the Academic Records and Registration office on the database system and on WebAdvisor. Credit is given only for courses that appear on the schedule. Students who are registered and fail to attend receive a grade of "F" for the courses.

## CLASS ATTENDANCE

Students are expected to make every effort to attend all class meetings. Attendance standards for individual courses are established in writing by the instructor at the first class session. Students unable to attend the first class must contact the instructor ahead of time.

## ATTENDANCE AT FINAL EXAMINATIONS/CLASS

Final examinations may be given at the end of each academic period. Students who miss a final examination, or who fail to submit all required work without a justifiable excuse, are awarded a grade based on all course requirements. Students who are unable to take a final examination or complete final course requirements for a valid reason (i.e., circumstances beyond the student's control) must request in writing to the instructor a grade of incomplete (I). The "I" grade must be removed within a specified period of time or the alternate grade is assigned. More information can be found under the "Grading" heading in this section of the *Catalog*.

## WITHDRAWAL

Students are permitted to withdraw from an individual course, from all courses for an academic period, or from their program. The official date of withdrawal is the day the withdrawal form is submitted and/or received by the Office of Academic Records and Registration. The student receives a grade of "W" in the course. The grade is reflected on the transcript but not calculated in the grade point average. The date of withdrawal is used to determine the rate of refund (if applicable). Tuition only (not fees and books) is refunded in accordance with University policy. Tuition refund policy information can be found under the "Tuition Refunds" heading in the General Information section of this Catalog. The withdraw process varies by college.

## College of Business and Economics, College of Computer & Information Sciences, College of Contemporary Liberal Studies, and Regis College

### Traditional Students

#### Total Withdrawal

Traditional students who withdraw before the completion of a semester must inform the Dean of Students in the Office of Student Life. The Dean of Students has a conference with any withdrawing student and authorizes withdrawal only after determining that the student has met financial and other obligations. Students who withdraw with proper authorization receive a grade of 'W' in each course for which they are enrolled at the time of withdrawal. Students who withdraw without giving proper notification of their intention to withdraw receive a grade of "F" in all courses in which they are enrolled during the semester of withdrawal.

#### Withdrawal from a Course

Students are permitted to withdraw from a course through 75% of the term. A student who wishes to withdraw from a course or courses prior to the published final withdrawal date for the semester can access the on-line Course Withdrawal form on

WebAdvisor. The Office of Academic Records and Registration will send an e-mail notification to the student's academic advisor once the course withdrawal has been processed. The official date of withdrawal is the day the form is submitted to the Office of Academic Records and Registration. The student should print and retain his/her copy of the withdrawal form until a grade report reflecting the course withdrawal is received at the end of the semester.

All course withdrawals in Regis College graduate programs must be approved in writing by the program director. The withdrawal period begins the day following the add/drop period and ends at the point at which approximately 75% of the course has been completed.

### Accelerated Program Students

Students are permitted to withdraw from an individual course, from all courses for an academic period, or from their program without academic penalty. Students may withdraw from a course(s) for the current term beginning the first business day following the add/drop deadline through 75% of the term. The course withdrawal form is available online through WebAdvisor. To withdraw from a program, students should contact his/her academic advisor.

### Rueckert-Hartman College for Health Professions

#### *Withdrawal from the Program*

A student who chooses to withdraw from the program must give written notice of this decision to the appropriate program director or department director. Withdrawal from the School of Physical Therapy is not allowed in the last three weeks before the end of semester without an override from the dean. Overrides will only be considered for documented medical conditions. Any student who withdraws according to these procedures may be readmitted without reapplication and review if the following conditions are met:

- The student was in good academic standing before the withdrawal;
- The student returns to the program within one calendar year of the withdrawal;
- There are no outstanding requirements from the Loretto Heights School of Nursing Student Affairs Committee (undergraduate nursing students only).

If these conditions are not met, the student must reapply to the program and be accepted for readmission. Initial acceptance into the program does not guarantee readmission. Also, readmission does not guarantee an uninterrupted sequence of course work.

Students in the School of Pharmacy and the School of Physical Therapy must submit a written request for readmission to the appropriate dean. Additionally, students may be required to pass a competency exam verifying retention of previous course material.

#### *Withdrawal from a Course*

Students may withdraw from a course with the approval of their academic advisor and/or the appropriate department director. Traditional, Accelerated and CHOICE nursing students start the withdraw process through their academic advisor. All other students may submit the course withdrawal form available on line through WebAdvisor.

### SPECIAL REGISTRATION

Special registration requests are not available on WebAdvisor.

### INDEPENDENT STUDY

Independent Study is individually supervised research under the direction of a faculty member in a discipline or topic of study not covered in a scheduled course. Approval and registration must occur prior to the add/drop deadline. The course number generally used is 490 for the undergraduate level and 690 for the graduate level.

### SPECIAL STUDY

Special Study is defined as a normally scheduled course that is not available at a time or location feasible for timely completion of graduation requirements. The course prefix, number and title are the same as the regularly scheduled course. Course requirements are met under the supervision of a faculty member who is approved to teach the course.

### EXTENDED STUDY

Extended Study provides a means for students to earn one semester hour in addition to existing credit value for a course. The course prefix, number, and title are the same as the course listed in the Schedule of Courses. Extended Study requirements are met under the supervision of a faculty member who teaches the course.

### UPPER DIVISION REGISTRATION

Traditional freshmen and sophomores are permitted to take upper division courses only if they have completed the prerequisites for the course and if they have obtained the permission of the instructor of the course. Normally, that approval is given by obtaining the instructor's signature on the Registration form prior to submitting the form to the Academic Records and Registration office. Juniors and seniors must also complete the prerequisites of an upper division course as listed in this *Catalog* before enrolling for the course.

### COURSE AUDIT

Prior to graduation, students desiring to participate in a course for personal enrichment and exploration are permitted to audit a course with written permission from an associate dean or designated administrative staff/program director. Students are expected to participate in the course by maintaining normal attendance and completing course assignments but are exempt from assigned tests. Students receive an "AU" grade with no credit earned and are charged the regular tuition rate. Some programs do not permit auditing.

Students should contact the appropriate program for information and permission regarding the audit option. The audit option must be selected by the add/drop deadline.

### COURSE REPEATABILITY

Except under the grade improvement option, courses should not be repeated. It is ultimately the responsibility of the student to assure that courses are not erroneously repeated. Should a course be erroneously repeated, the last entry is the only one for which credit



hours are earned and grade points are calculated in the grade point average. There is no refund of tuition for courses erroneously repeated. If a course is repeated at another institution, it is considered duplicate credit and is not accepted in transfer. The Regis course remains on the student record.

## GRADING INFORMATION

### University-Wide Course Grading System

The table that follows lists grades, grade points and grade descriptions used for all courses at Regis University. When grade descriptions differ for undergraduate and graduate courses, the undergraduate grade description is listed first with the graduate grade description following the forward slash (/).

Grade	Grade Points	Description (Undergraduate/Graduate)
A	4.00	Outstanding scholarship
A-	3.67	
B+	3.33	
B	3.00	Superior work / Satisfactory
B-	2.67	
C+	2.33	
C	2.00	Satisfactory / Unsatisfactory
C-	1.67	
D+	1.33	
D	1.00	Unsatisfactory
D-	0.67	
F	0.00	Failure (no credit)
P	*	Pass (grade of "C" or higher / grade of "B" or
N	*	No Pass (no credit)
AU	*	Audit (no credit)
W	*	Withdrawal
I / -	*	Incomplete -- the grade accompanying the "I" becomes the permanent grade if additional work is not completed and a different grade is submitted by the Incomplete deadline for the course.
IP/N	*	In Progress No Pass (No Credit)
IP/F	*	In Progress Failure (No Credit)
Y	*	Instructor did not submit grades by deadline.

\*Where no grade points are indicated, the grade does not calculate into the grade point average.

### Pass/No Pass Grades

Pass/No Pass (P/NP) grading is available for courses with regular grading for traditional undergraduate students in the College for Business and Economics, the College for Computer & Information Sciences, Regis College, and Rueckert- Hartman College for Health Professions students in the Traditional Nursing program. In some graduate programs, selected courses permit P/NP grading. All Veterans must contact the certifying official in the Academic Records and Registration office before registering for a course on a Pass/No Pass basis.

### Traditional and RHCHP Traditional Nursing Students Only:

- The P/NP option is available to undergraduate students who have completed 30 hours of graded coursework. Transfer students must have completed 20 hours of graded coursework at Regis University before they may exercise the P/NP option. Students on academic probation are not encouraged to take courses (with the exception of remedial courses) on a P/NP basis, but may do so with the approval of the appropriate dean.
- The P/NP option may be exercised for only one course each semester; and the total number of hours that may be taken on a P/NP basis for credit at Regis is limited to 18 semester hours.
- The P/NP option may be exercised for only two of the Core studies course requirements. Also, the option cannot be used for courses in the area of the major or minor, except for experiential courses such as field experience, approved by the individual departments or divisions, and for student teaching courses in the Education department.
- If a student changes his or her major and has already taken a required lower division course in the new major area on a P/NP basis, the course meets the requirement. Upper division courses are evaluated by the department or division as to whether or not the course(s) should be accepted.
- To register for a course on the P/NP basis, the student must obtain a special form from Enrollment Services and return it, properly completed, no later than the last day of the withdrawal period for the semester. This required form is in addition to the regular registration forms. After the last day of the withdrawal period, a student may not request a grading change for the course.
- The minimum passing level for undergraduate courses taken on a P/NP basis is a "C." The student receives appropriate hours of credit toward graduation for a "P" grade, but that grade is not calculated in the grade point average. The student does not earn credit hours for an "N" grade, nor is that grade calculated in the grade point average.
- Students enrolled in experiential courses under the P/NP option (e.g., field experience course in accounting, business administration, economics, psychology, sociology, etc., and student teaching courses in education) are eligible for the Dean's List provided they are enrolled for a total of 15 or more hours, of which 12 are graded hours.

### Grades of Incomplete

A grade of Incomplete or "I" denotes that the required work for the course is incomplete due to unforeseen circumstances. Unforeseen circumstances mean, for example, that an accident, an illness, a death, or a major life transition has occurred. This grade is awarded at the discretion of the instructor and is submitted with an alternate grade (i.e., I/D, I/F).

A student must submit a written request (or school form) to the instructor that an Incomplete grade be assigned. The length of time and the remaining requirements to complete the course are determined by the instructor; however, the maximum length of time for completion is the end of the following semester. Summer semester does not apply to Regis College/Traditional Nursing students. Faculty will notify students in writing of the approval/denial of their request and provide instructions and guidelines required to resolve the Incomplete grade.

If coursework is not completed by the end of the next applicable semester and a grade change form submitted by the instructor, the Incomplete grade reverts to the alternate grade assigned by the instructor and is calculated in the grade point average. Some programs have restrictions on alternate grade assignment, so students should refer to the appropriate program or department section of this *Catalog* for specific information.

Due to rare circumstances, a student may request in writing that an extension of the Incomplete grade be granted. The extension must be approved by the academic dean or his/her designee for the respective program/school.

### Consequences of an Incomplete Grade

- Teacher licensure/certification or any graduation completion postings cannot be recorded on the academic transcript until Incomplete grades are changed and a set grade point average is calculated.
- Army regulations require that students receiving tuition assistance complete coursework within 60 days of when the Incomplete is assigned. Some corporations may not reimburse tuition monies if the grade of Incomplete is assigned.
- Students already on academic probation who receive an Incomplete grade will be continued on probation.
- Students who are receiving financial aid and receive an Incomplete grade will be subject to review and may be placed on Financial Aid suspension.

### Grade of In Progress ("IP")

In Progress "IP" grades may be assigned to students in a graduate-level capstone project/thesis course where it may be appropriate for a student to take longer than the academic period provided for assignment completion. If the course instructor agrees that the student should be given additional time, an "IP" grade may be assigned. The student can be granted a period of up to 24 months to complete the required assignments. The grade recorded on the student's record is "IP/F" or "IP/N" depending on whether the grade for the course is a letter or Pass/No Pass grade. If the student does not complete the assignment within the 24 month period, the "IP" grade reverts to the alternate "F" or "NP" grade. The decision on

the completion deadline is determined by the instructor in consultation with the student; however, the final decision is made by the instructor. Some graduate degree programs may have a more restrictive maximum completion time for an In Progress grade. More specific policies may appear in the appropriate school section of this *Catalog*.

The student is not officially registered during the period of the "In Progress" unless the student is officially enrolled in other courses and, therefore, may not be eligible for financial aid or other benefits during the "In Progress" period.

"IP" grades will be assigned only for the graduate-level capstone courses where a project or a thesis is the primary output of the course. In Progress is not appropriate for other courses where there is a definitive end date. In those cases the appropriate grade is Incomplete.

### Repeat Grade Improvement Option

Students have the option of improving a grade earned in a course at Regis University by repeating the same course at Regis. The following guidelines apply:

- Regardless of whether the repeat grade is higher or lower than the original grade, the last grade earned is the grade for which credit is awarded and grade points are calculated in the grade point average. All previous grades are replaced with an (R) notation and the hours are recorded as zero (0.00) with a repeat notation indicating that the course has been retaken.
- Courses taken for grade improvement must be taken with the same grading option (i.e., letter grading versus Pass/No Pass) when repeated.
- If a student withdraws from a course being taken for a repeat grade, the original grade remains on the transcript and a grade of "W" is posted to the transcript for the second course.
- The Repeat Grade Improvement Option applies only to grades earned at Regis University from the fall semester 1972 to the present.

The Repeat Grade Improvement Option may be exercised only while the course requested for repeat remains active in the University's curriculum. Substitutions of similar or revised courses for the original course are not allowed. Upon graduation the Repeat Grade Improvement Option is no longer available for that educational intent.

### Appeals of Disputed Grades

Students should refer to the appropriate college section for policies and procedures governing grade appeals.

### Change of Recorded Grade

No final grade of A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F, or W submitted to the Academic Records and Registration office can be changed unless the change has received the written approval of the appropriate academic dean or his or her designee. Once this form has been completed by the instructor, the form is submitted to the office of the appropriate academic dean or designee for approval. As of January 1, 1983, no grade may be changed after it has been on the

permanent record for one calendar year. This does not include courses retaken for repeat grade improvement.

It is expected that great care and attention is given in the awarding of grades so that the need for change is minimal. It is also expected that no instructor give a grade of "I" (Incomplete) unless unforeseen circumstances make it necessary.

### Grade Reports

Only final grades are official and entered on the student's permanent record.

Grades for all current students are available online through WebAdvisor. Additionally, students may request an official grade report via phone, fax, e-mail, or through WebAdvisor. All official grade reports are mailed to the student's permanent address. Grades cannot be given over the phone or e-mailed to the student.

Under federal legislation the Family Educational Rights and Privacy Act of 1974, as amended, (hereafter "FERPA") grades may be released to parents or other parties only with the student's written authorization unless the parent claims the student as a dependent for federal income tax purposes and provides appropriate documentation. Release authorization is available online through WebAdvisor under the Parent menu.

### Calculation of Grade Point Average (GPA)

Only grades and credits earned at Regis University are used to calculate the student's grade point average. The grade point average is calculated by dividing the total number of grade points earned by the total number of attempted credits. Grade points earned are calculated by multiplying the number of credits for a course by the grade points associated with the grade received. Appropriate grade points for each grade awarded by the University appear in this section of this *Catalog* under the University-Wide Course Grading System heading. When no grade points are indicated, the grade and the credits do not calculate into the grade point average.

### CONFIDENTIALITY OF STUDENT RECORDS

Regis University maintains an educational record for each student who is or has been enrolled at the University. In accordance with FERPA the following student rights are covered by FERPA and afforded to all eligible students at Regis University:

- The right to inspect and review information contained in the student's educational records.
- The right to request amendment of the contents of the student's educational records if believed to be inaccurate, misleading, or otherwise in violation of the student's privacy or other rights and the right to have a hearing concerning such amendment request.
- The right to prevent disclosure without consent, with certain exceptions, of personally identifiable information from the student's educational records.
- The right to secure a copy of the University's policy.
- The right to file complaints with the U.S. Department of Education concerning alleged failures by Regis University to comply with the provisions of FERPA.

Each of these rights, with any limitations or exceptions, is explained in the University's policy statement, a copy of which may be obtained from the Academic Records and Registration office or online. The point of contact within the University for the exercise of all rights and the access to all information concerning student rights under FERPA is the Academic Records and Registration office. This specifically includes, but is not limited to, the procedure for amending a student's educational record, the procedure for filing a complaint to determine accuracy of a student's educational record, the procedure for filing a complaint with the U.S. Department of Education, and the policy for determining which individuals within the University are "school officials" and what constitutes a "legitimate educational interest."

The University may provide directory information in accordance with the provisions of FERPA without the written consent of an eligible student, unless it is requested in writing that such information not be disclosed. The items listed below are designated as Directory Information and may be released to any person for any purpose at the discretion of Regis University unless a written request for nondisclosure is on file:

- Name, address, telephone number, e-mail address, dates of attendance, class.
- Photographs.
- Previous institution(s) attended, major/minor field of study, awards, honors, degree(s) conferred.
- Past and present participation in officially recognized sports and activities, physical factors of athletes (height and weight), and their date and place of birth.

Current eligible students may prohibit general disclosure of this Directory Information by notifying the Academic Records and Registration office in writing. Situations involving non-release of Directory Information that are deemed as "extraordinary" by the student should be brought to the attention of the director of Academic Records. Regis University honors the request for one calendar year only; therefore, the student must file the request on an annual basis. The student should carefully consider the consequences of any decision to withhold any category of Directory Information. Regardless of the effect upon a student, Regis University assumes no liability that may arise out of its compliance with a request that such information be withheld. It is assumed that the failure on the part of the student to request the withholding of Directory Information indicates the student's consent to disclosure.

Any questions concerning the student's rights and responsibilities regarding FERPA should be referred to the Academic Records and Registration office. General information and forms pertaining to FERPA may be found at [www.regis.edu](http://www.regis.edu).

## STUDENT NAME CHANGE

Regis University maintains an educational record for each student who is or has been enrolled at the University. These records are maintained under the name submitted to the University on the Application for Admission.

Any student desiring to change his/her name on educational records must submit a Change of Name Affidavit. These forms are available in the Academic Records and Registration office or online at [www.regis.edu](http://www.regis.edu) and must be notarized unless the request is made in person and photo identification is presented to a Student Services representative.

## TRANSCRIPT REQUESTS

Transcripts of credit are available through the Academic Records and Registration office. Transcript ordering information is available on the Regis University website at [www.regis.edu](http://www.regis.edu). Online ordering information is available at [www.getmytranscript.org](http://www.getmytranscript.org).

Policies and procedures governing the issuance of transcripts are as follows:

- Financial obligations to the University must be satisfied.
- Requests for transcripts must include the student's signature for release of this confidential information. Transcript requests by fax, telephone or e-mail are not accepted.
- A transcript fee of \$8.00 per copy. Additional processing fee for e-transcripts.
- Current students may view grades on WebAdvisor.

## ACADEMIC STATUS NOTATIONS

Students in good standing have either no academic status notation on their transcript or an academic status of "Probation Removed" and are eligible to continue, return, or transfer elsewhere. A student with an academic status of probation ("Admitted on Probation," "Probation New," "Probation Continued"), suspension ("Academic Suspension"), or dismissal ("Academic Dismissal") has the appropriate notation recorded on the transcript. A student may continue or return when in a probationary academic status, but a suspended student is not eligible to return for one calendar year. A student who is expelled from the University is not eligible to return. All transcript notations are recorded within the appropriate semester from approximately 1950 to present.

### Academic Probation

Academic probation is an official sanction that is applied when a student falls below the minimum acceptable cumulative grade point average for the program. Academic probation may also be applied for violations of the academic integrity policy. Refer to the appropriate College section of this *Catalog* for details.

### Academic Suspension

Academic suspension is an official sanction that is applied when a student on academic probation fails to achieve the required minimum acceptable cumulative grade point average or other conditions established under their probation. Academic suspension may also be applied for violations of the academic integrity policy. Refer to the appropriate College section of this *Catalog* for details.

### Academic Dismissal

Academic dismissal is an action taken by a School or College that renders a student ineligible to return to that School or College for any program of study. Academic dismissal may be imposed for serious violations of academic integrity or failure to meet the conditions of a prior academic suspension. In the case of academic suspension for grade point average, a student must have been suspended for low cumulative grade point average, been readmitted to the program on academic probation, and subsequently failed to achieve the required cumulative grade point average. Academic dismissal is recorded on the permanent academic record (transcript).

### Academic Expulsion

Academic expulsion is an action taken by Regis University that renders a student ineligible to return to Regis University for any program of study. Academic expulsion may be imposed by the Provost for serious violations of academic integrity or failure to meet the conditions of a prior academic suspension.

## DISCIPLINARY STATUS NOTATIONS

"Disciplinary Suspension" and "Disciplinary Expulsion" are recorded on the academic transcript within the appropriate semester. Students may petition to remove "Disciplinary Suspension" from the transcript by appealing to the Dean of Students. Notification of "Disciplinary Expulsion" appears on the transcript for five years. Following that period, a student may petition the University to have this notation removed from the transcript. A student who is expelled from the University is not eligible to return.

## ACADEMIC INTEGRITY POLICY

In light of the Regis University Mission, which examines the question, "How ought we to live?" we inspire and challenge a diverse community of students, faculty and staff to:

- Think skillfully, logically and critically
- Search for truth, values and a just existence
- Gain knowledge and abilities necessary for distinguished professional work and
- leadership and service to others.

Consistent with the Regis University Mission, each College within Regis University expects its students to conduct themselves and maintain relationships in a manner that is characterized by honesty, integrity, authenticity, and dignity as well as mutual respect for the contributions of all the members of the Regis community.

All Regis University students will abide by the University's Academic Integrity Policy regardless of the program or College where the

student is enrolled. All Colleges at the University will use and enforce this policy.

### Introduction

The term integrity is derived from the Latin *integritas*, meaning the quality of being whole, sound and unimpaired or unbroken. Academic integrity is built upon the values and virtues of honesty, loyalty and trustworthiness. A failure to observe these basic values undermines the very foundations and bonds of a learning community and impairs the most basic goals of education. As members of the Regis University community, students must demonstrate and model high standards with respect to one's own academic work, participating with good faith in academic discussions, and acknowledging the work of others. Academic integrity is a prerequisite for the pursuit of knowledge and excellence in practice. In particular, the Jesuit principles that underlie the Regis University mission and core philosophy, with their call to ethical inquiry and care of the whole person, demand that students commit to academic integrity in all aspects of their education and development.

At Regis University, academic integrity is viewed and treated as an academic matter rather than an issue of student conduct.

In order to establish and foster an environment where incidents of misconduct are socially unacceptable, all students are expected to adhere to the Regis University Academic Honor Code. This Academic Honor Code is intended to support the shared responsibility of faculty and students in maintaining an academic environment in which the values of truth and justice prevail in all activities related to learning, teaching, research, scholarship and practice.

### Academic Honor Code

Students of Regis University are committed to the highest standards of academic integrity and assume full responsibility for maintaining those standards. All members of the Regis University community are expected to exhibit the qualities of honesty, loyalty and trustworthiness in all academic and clinical activities, holding themselves and each other accountable for the integrity of the learning community.

It is the responsibility of each student to review and abide by all aspects of the course syllabus and agree to adhere to this Regis University Academic Honor Code. In doing so, the student acknowledges that the work represented in all assignments and all examinations is his or her own and that he or she has neither given nor received unauthorized information. Furthermore, the student agrees not to divulge the contents of any assignment or examination to another student in any semester.

The Academic Honor Code applies to any student in a Regis University course, regardless of the student's home college or program, and will be enforced according to the policies and procedures of the Code purposes.

The Academic Honor Code requires academic integrity and prohibits cheating, plagiarism, fabrication, collusion and other forms of academic misconduct. All violations where sanctions were imposed will be reported to the Academic Integrity Body in the appropriate College. All faculty have access to plagiarism detection

software, which can be used with or without a student's knowledge in any Regis University course.

### Definition of Academic Integrity

Our collective academic honesty is a simple prerequisite for the pursuit of knowledge. In particular, the Jesuit principles that underlie the Regis University mission statement and core philosophy, with their call to ethical inquiry and care of the whole person, demand students commit to academic integrity in their pursuit of a Regis University education. Students and faculty are expected to adhere to standards of good academic conduct: being responsible for one's own academic work, participating with good faith in academic discussions, and acknowledging the work of others.

### Description of Offenses and Sanctions by Level

Regis University takes very seriously violations of academic integrity, including but not limited to the following:

#### Cheating

*A form of academic dishonesty in which the person misrepresents his or her mastery of the course content or clinical experience. Cheating applies to examinations, labs, written assignment, clinical experiences, online discussions, and any other form of student assessment*

Examples of cheating include, but are not limited to the following:

- Using unauthorized materials such as a textbook, prepared notes, study aids or an electronic device during an examination
- Unauthorized access to or use of someone else's computer account or computer files to complete an assignment
- Possessing or obtaining an examination without the instructor's authority or prior knowledge
- Submission of an assignment purchased from a commercial entity (e.g., term papers, software programs, etc.)
- Unauthorized preprogramming of and/or access to electronic devices

#### Plagiarism

*A form of dishonesty by which the person misrepresents someone else's words, ideas, phrases, sentences or data as his or her own or otherwise fails to properly acknowledge the source of such material through complete and accurate citations and reference lists. Both the intentional and unintentional use of another's work constitutes plagiarism.*

Examples of plagiarism include, but are not limited to the following:

- Directly quoting another person's words without the use of quotation marks and/or acknowledging the source
- Paraphrasing, or restating, another person's ideas, opinions or theories without acknowledging the source
- Using facts, statistics, or other material taken from a source without acknowledging the source
- Failing to properly cite an original source when using a secondary source

#### Fabrication

*A form of dishonesty by which the person deliberately invents or falsifies information or research findings with the intent to deceive.*

Examples of fabrication include, but are not limited to the following:



- Citing information not taken from the source indicated
- Citing a source that does not exist
- Intentionally distorting the meaning or applicability of data
- Listing sources in a bibliography or reference list that were not used in the project
- Inventing or falsifying data or source information in experiments, research projects, or other academic assignments
- Listing hours worked or activities performed during a clinical or service learning experience that did not occur
- Misrepresenting one's contribution to scholarly research and/or publication
- Misrepresenting or falsifying a resume or curriculum vitae

### **Collusion**

*A form of dishonesty involving two or more persons acting in a manner intended to misrepresent individual effort, learning and/or contributions to course assignments.*

Examples of collusion include, but are not limited to the following:

- Allowing another student to copy from your work
- Completing an assignment for another student
- Allowing another student to complete an assignment for you
- Unauthorized sharing of examination questions and/or answers before or after an examination
- Unauthorized collaboration with another person during an examination or other assignment

### **Other Examples of Academic Misconduct**

Other examples include, but are not limited to the following:

- Posting another's work on the internet without that person's permission
- Unauthorized or inappropriate access to use of another's computer account, access codes, or electronic files
- Misrepresentation to avoid academic work by fabricating an otherwise justifiable excuse such as illness, injury, accident, personal emergency, etc. in order to avoid or delay timely submission of academic work, or the taking of an examination, or to request an incomplete or administrative drop in the course
- Submitting the same written work to fulfill the requirements of more than one course without the explicit permission of the other instructors
- Coercing any other person to engage in academic dishonesty or misconduct
- Aiding any other person engaged in academic dishonesty or misconduct
- Changing, altering, falsifying, or being accessory to the changing, altering, or falsifying of a grade report or form, or entering any University office, building or accessing a computer for that purpose
- Denying access to scholarly resources or otherwise deliberately impeding the progress of another student or scholar. Violations in this category include but are not limited to giving other students false or misleading information; making library materials unavailable through stealing or defacement; deliberately misplacing or destroying reserve materials or altering and/or destroying someone else's computer files.

- Defacing or mutilating learning resources including library materials, computers or other materials and structures associated with learning.

### **Responsibility**

Achieving an atmosphere of mutual trust in which all members believe their right to learn is unimpeded by dishonest behavior is a responsibility shared by faculty, students and the Regis University Community.

It is the responsibility of each individual student, faculty and other Regis University employees to be able to recognize and refrain from any violation of academic integrity and to report observed violations.

It is the responsibility of each student to review all aspects of the course syllabus and agree to adhere to the Regis University Academic Honor Code. In doing so, the student acknowledges that the work represented in all examinations and other assignments is his or her own and that he or she has neither given nor received unauthorized information. Furthermore, the student agrees not to divulge the contents of any examination or assignment to another student in this or ensuing semesters. Questions regarding academic integrity should be directed to the course instructor.

In addition, it is the responsibility of faculty and administration to foster and encourage honesty and a sense of fairness by creating and enforcing appropriate policies and systems. Regis University provides the necessary resources as well as proper support for faculty when confronting violations of academic integrity.

The highest priority is to educate and encourage the development of appropriate academic and professional values and behaviors within individuals while also preserving the integrity of the learning community as a whole. All instances of academic dishonesty or misconduct will be reported and handled according to the guidelines of this policy.

### **Student Awareness**

It is the responsibility of all students to familiarize themselves with the University's Academic Integrity Policy. ([Insert link here](#)) Additionally, students should complete the online tutorial on Academic Integrity during their first term at the University. (This tutorial is housed in "shells" in each College's learning management system - WorldClass or can be linked to a specific class).

Individual Colleges may choose how they convey this information. For example, this may occur during a New Student Orientation, First-Year Seminar, or Registration/Welcome Information Packet.

**Academic Integrity Boards/Process (AIB) for Each College**  
The purpose of the Academic Integrity Body (AIB) in each College is to implement, support, and monitor adherence to the Academic Integrity Policy. Individual Colleges will determine their own governing body (boards, pools of faculty, etc.) for all integrity violations. For example academic governing AIB bodies may be the Dean's/Associate Dean's Office or a designated board of faculty and/or administrators.

Each College's AIB will perform the following functions:

- Maintain all records of reported academic integrity violations

- Forward all incidences to the administrator of University's Academic Integrity Database within 14 days of an incident involving a violation of academic integrity
- Consult with academic departments, schools and individual faculty to help determine sanctions and maintain consistency in violation levels and sanctions
- Recommend sanctions on policy violations
- Respond to independent concerns expressed by students and faculty regarding academic integrity
- Convene and provide representatives to the appeals process
- Recommend revisions to this and related policies and procedures as needed
- Collaborate on the creation and maintenance of educational resources for students and faculty related to academic integrity
- Report College's aggregate data to appropriate college body (Academic Council, Dean's Office, etc.)

The AIB chairperson will:

- Oversee and record all incidences related to academic integrity
- Chair any meeting of the College's AIB
- Monitor AIB formation, membership, and processes
- Provide assistance to a faculty or Dean in devising a letter (by email, with a paper copy sent) to the student informing him or her of the sanction and his or her right to appeal and outlining the process for the appeal. Letters are copied to a student's academic advisor, the course professor, the Dean of Students, and if applicable the Director of Athletics. If this is a successive instance of academic dishonesty, the letter will also remind the student that there will be an automatic review for possible institutional sanctions
- Advise and/or convene the processes for reviewing second violations of academic integrity
- Convene an Appeals Board/Panel when necessary

### Oversight and Reporting Procedures

In order to maintain a climate of learning and academic integrity Regis University requires that all Colleges, faculty, students, administration and staff follow these Reporting Procedures.

A breach of the Academic Integrity Policy may be reported from a number of sources including faculty, students, deans, librarians, administrators or faculty not teaching the course. In each incidence, the alleged violation of the Academic Integrity Policy should be brought to the attention of the faculty member overseeing the student's academic work in the class or research project or to the appropriate department chair or director. If the incident is reported to a Department Chair, the Chair will bring the matter to the attention of the appropriate faculty.

Each College will individually handle violations of the Academic Integrity Policy that occur within their respective college and impose the resulting sanctions. The reporting faculty (or party) initiates the process with or without consultation with the College's AIB

depending on the seriousness, the level of the violation and the college where the violation occurred.

The following table illustrates the levels of violation including which College AIB and Appeals Board reviews the violation:

Level of Violation	Initial Review by AIB	Appeal's Board/Panel
I, II handled at course level	College where violation occurred (AIB may choose to consult with student's home College)	College where violation occurred
Subsequent violations ( AIB consult required)	Student's home College (consult with college AIB where incident occurred)	Student's home College with representation from College where violation occurred (others as necessary)
Level III	Student's Home College with student advisor, Dean & AI representative)	Student's home College with representation from College where violation occurred. Other representatives as needed

### Procedures

All Colleges will follow the steps below in addressing alleged violations of the Academic Integrity Policy:

For Level I & II First Offenses, follow the steps below:

1. The faculty informs student of the suspected violation and allows the student to provide a response to the allegation
2. The faculty notifies the appropriate academic administrator of the incident who will check the AI Database for any previous violations by this student
3. The faculty imposes the sanction and notifies the student in writing (from instructor and/or academic administrator). This communication should include the student appeal process
4. Reporting faculty completes the AI reporting form and submits to the Chair of the respective AIB to be added to the AI Database (and forwarded to the University Database Administrator)
5. The student may appeal at this level to the AIB for the College where the incident occurred

For subsequent offenses, follow the steps below:

1. The faculty informs student of the suspected violation (and that this is a repeat violation) and allows the student to provide a response to the allegation

2. The faculty notifies the appropriate academic administrator of the incident who verifies a previous violation for this student
3. The academic administrator notifies the AIB of the College where the incident occurred and the student's home college (if different) of a repeat violation
4. The AIB of the student's home College will convene the AIB with a representative from the college where the incident occurred and a representative from another college as necessary
5. The Chair notifies the student of the charge, provides or summarizes the evidence that substantiates the charge and informs the student that he/she may provide any additional documentation prior to the AIB's review (the student is given a timeframe by which a decision of the panel will be finalized)
6. The AIB renders a judgment on the violation
7. The AIB chair communicates with all relevant parties (student, student's advisor, dean, etc. if necessary)
  - a. The ruling of the AIB on the charge
  - b. The recommended sanction. If course failure or academic suspension or dismissal is recommended, the communication will be generated from the student's home program/department by the appropriate person
  - c. If expulsion from the University is recommended, communication will be forwarded to the University Provost
8. If expulsion from the University is recommended, the letter must indicate to the student that Academic Expulsion from the University is being recommended to the Provost.
9. If expulsion decision is upheld by the Provost, a decision letter is sent to the student with a copy to the University Registrar, College Dean, student file, advisor and any other appropriate parties.
10. If expulsion is not upheld by the Provost, alternative sanctions may be imposed.
11. If program suspension is recommended, all communication is handled at the College level (student's home college) with appropriate notification to the student, advisor, program chair, etc. The letter to the student may be generated by the Program or Department Director and/or the College Dean.
12. If a violation in any of the above sections is deemed not to have occurred by the faculty or the respective College's AIB, no documentation will be filed in the student's record. All supporting documentation will be forwarded to the Provost's Office for archival.

For Level III offenses, the steps below should be followed:

1. The faculty informs student of the suspected violation and allows the student to provide a response to the allegation.
2. The faculty notifies the appropriate academic administrator of the incident who will check the AI Database for any previous violations by this student.
3. The academic administrator notifies the AIB of the possible Level III violation.
4. A review panel is convened by the student's home College AIB and the Chair notifies the student of the charge, provides or summarizes the evidence that substantiates the charge, and informs the student that they may provide any additional or supplemental documentation prior to the panel's review (A deadline for submission of documentation is provided to student along with a timeframe for the panel's decision).
5. The panel reviews the evidence. If the preponderance of evidence supports the fact that a violation occurred, the AIB may impose and recommend appropriate Level III sanctions.
6. The AIB chair communicates with all relevant parties (student, student's advisor, Dean, etc. if necessary).
  - a. The ruling of the AIB on the charge
  - b. The recommended sanction
  - c. If expulsion from the University is recommended, the communication will be forwarded to the University Provost
7. The panel's decision and is subsequently recorded in the University's (and College's) Academic Integrity Database.
8. If expulsion from the University is recommended, the letter must indicate to the student that Academic Expulsion from the University is being recommended to the Provost.
9. If expulsion decision is upheld by the Provost, a decision letter is sent to the student with a copy to the University Registrar, College Dean, student file, advisor and any other appropriate parties.
10. If expulsion is not upheld by the Provost, alternative sanctions may be imposed.
11. If program suspension is recommended, all communication is handled at the College level (student's home college) with appropriate notification to the student, advisor, program chair, etc. The letter to the student may be generated by the Program or Department Director and/or the College Dean.
12. If a violation in any of the above sections is deemed not to have occurred by the faculty or the respective College's AIB, no documentation will be filed in the student's record. All supporting documentation will be forwarded to the Provost's Office for archival.

### Appeals Process

Students have the right to appeal findings of academic dishonesty, or the institutional penalty for any infractions at any level. All Colleges will follow the same appeals process. *Note that the AIB appeal process is limited to consideration of matters that deal exclusively with academic integrity.* Other aspects of student academic performance or related violations of the Student Code of Conduct must be handled according to the processes outlined in the University Catalog and the relevant student handbook.

The following process will be followed:

1. The student submits a written request for appeal to the Chair of the AIB of the College in which the alleged violation occurred within **five working days** of receiving notification of a violation
2. The Chair of the AIB where violation occurred provides the following information to the student:
  - a. a summary of the policy violation
  - b. an opportunity to submit any additional information relevant to the case to the Chair of the AIB by a certain date
  - c. a date by which the Appeals Panel's decision will be made
3. The Chair of AIB solicits **at least one** faculty representative from another College's AIB and student representation if desired. (Representative(s) should not have been involved in the process at any point prior to serving on the Appeals Board)
4. The Appeals Board is convened for review of the case **within ten working days of receiving the student appeal** (The Chair of the Appeals Board will be from the College where the violation occurred)
5. The Board renders a decision within **five working days** of convening:
  - a. Student appeal is denied; the charge, the violation and/or the sanction is upheld (Note however that if academic expulsion is the recommended sanction, the Provost must also support the decision)

- b. Student appeal is successful; the charge, violation and/or sanction is modified or reversed
- c. If a violation is deemed not to have occurred, no information is recorded in the database or student's record/file (documentation will be routed to the Provost's Office for archival)
6. The Department and Appeals Board complete any further notification to the student, advisor, Dean, Registrar, etc.
7. If the first violation was serious/egregious enough to warrant expulsion from the University, all communication and documentation will be routed to the Provost to initiate the letter to the student with copies to the applicable College Dean, Advisor, Program Chair and Registrar and other parties (athletics, ITS)
8. Documentation for the database is recorded and forwarded to the University Database Administrator

The decision of the Appeals Panel is final. A student may appeal the finding to the University Provost within thirty days of the Appeals Panel's decision only if the appeals process was not followed or new evidence is available which would nullify the finding of the committee.

## STUDENT COMPLAINT POLICY

Regis University is a Jesuit Catholic University committed to excellence in its programs and services; it exists for the purposes of teaching and learning. It is accountable to its students, other constituents, and its institutional accrediting body to ensure that students have access to appropriate procedures for registering complaints regarding actions, decisions, and/or processes at the so their complaints may be deliberated and acted upon by appropriate University officials.

This policy applies to all Regis University students regardless of department, division, school, college, status, classification, type, or location. No retaliation shall be taken against a student who articulates a complaint.

Regis University designates its individual departments and operational units as responsible for receiving, investigating and potentially resolving student complaints. Depending upon the nature of the complaint, there are specific policies and procedures, as detailed below.

### Violations of the Student Code of Conduct or the Nondiscrimination and Sexual Misconduct Policy

The Regis University Student Handbook describes in detail information regarding judicial affairs, student grievances, conduct hearings, appeals and related procedures. The Student Handbook is available at <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Student-Activities/Judicial-Affairs/Student-Handbook.aspx>.

In accordance with the University's Nondiscrimination and Sexual Misconduct Policy (described fully in the *Regis University Student Handbook* and also available at <http://www.regis.edu/About-Regis-University/University-Offices-and-Services/Campus-Safety/Title-IX/Reporting.aspx>), any complaint or grievance pertaining to discrimination against persons of a protected class or pertaining to

sexual misconduct will be referred to the University's Equal Opportunity & Title IX Coordinator for investigation. The Equal Opportunity & Title IX Coordinator shall maintain records of the appeals and of the disposition thereof.

### Academic Complaints

Most academic concerns can be resolved informally by speaking directly with the individual; this approach is encouraged. If the issue is not resolved, students who have a complaint against a faculty member or academic administrator regarding an academic concern are expected to pursue the complaint resolution processes established in their specific division, school, and college. College specific complaint processes are published on the websites of each college and/or in the annually-published University Catalog, which may be accessed at

<http://www.regis.edu/Academics/Course%20Catalog.aspx>.

The five colleges of Regis University are:

College of Business and Economics  
College for Computer and Information Sciences  
College for Professional Studies  
Regis College  
Rueckert-Hartman College for Health Professions

For concerns pertaining to grades and/or progression, the decision of the College's academic dean shall be final.

### Complaints Regarding Non-Academic Services

Students with a complaint regarding non-academic services must notify the person or head of the office responsible for the service to seek to resolve the situation by discussing the concern directly with the party involved within 30 calendar days of the incident and otherwise follow the procedures for appealing a decision within the unit. For example, concerns or appeals related to disability services, financial aid, parking or residence life must be addressed through the processes set up by those departments. For further information please call:

- Disability Services: 303.458.4941 or [disability@regis.edu](mailto:disability@regis.edu)
- Financial aid or tuition and fees: 303.458.4126 or 800.568.8932 or [studentservices@regis.edu](mailto:studentservices@regis.edu)
- Residence Life: 303.964.3628 or [reslife@regis.edu](mailto:reslife@regis.edu)
- Parking tickets: 303-964-5353 or [ruparking@regis.edu](mailto:ruparking@regis.edu)
- Bookstore: 303.458.4150 or [regisuniversity@bkstr.com](mailto:regisuniversity@bkstr.com)
- Cafeteria (Bon Appetite): 303.458.4196

If there is not a formal procedure to appeal a particular decision, most concerns can be resolved by speaking directly with the individual. Therefore, a student with a grievance must first notify the person or office responsible to seek a resolution. Such notification should be in writing and should be submitted within thirty days of becoming aware of the grievance.

### Formal Complaint

In limited circumstances, a student may file a formal complaint using the policy identified below. The formal complaint must be filed within 14 days of the student receiving a unit level decision or appeal decision, whichever is final. Alternatively, if a student does not receive a reply from the unit, the student may file a formal complaint within 30 days of the initial written notification of a grievance to the

unit. The only basis for a formal complaint is that the applicable policy or procedure has not been followed or applied.

### Formal Instructional Complaint

Appeals of academic issues (*other than grades or progression*) beyond a college's academic dean may be made in writing to the Office of the Provost within 14 calendar days of the decision of the unit's dean or director, using the process described below. The Office of the Provost will make the final decision and will notify the student of the decision within 14 calendar days of receipt of the complaint, as described below.

Complete records of such formal academic complaints (other than grades or progression), and records of their disposition, are maintained by the Office of the Provost.

### Formal Non-Instructional Complaint

Appeals of a non-academic decision beyond a unit's dean or director may be made in writing to the Office of the Vice President and Chief of Staff within 14 calendar days of the head of the unit's decision using the process described below. The Vice President and Chief of Staff will make the final decision and will notify the student of the decision within 14 days of receipt of the complaint, as described below.

Complete records of such formal non-academic complaints, and records of their disposition, are maintained by the Office of the Vice President and Chief of Staff

### Formal Complaint Process

A formal complaint must be made in writing, and include the following information:

- Student's name, Regis I.D. number, mailing address, and telephone number.
- A detailed description of the specific actions that constitute the basis for the complaint and the names and titles of those involved.
- The dates of the alleged actions.
- A list of witnesses, if any, including their contact information and the facts known by each.
- Documentation that supports the complaint.
- Evidence that the student has already attempted to resolve the concern through the informal dialogue and unit level resolution, as described above.

Upon receipt of a formal complaint, the Office of the Provost or the Office of the Vice President for Mission and Chief of Staff, as appropriate, will acknowledge receipt of the complaint within 7 working days. Normally, complaints will be investigated and resolved within 14 calendar days.

The administrator in receipt of the complaint will advise the complainant if that timeline will not be met. The office in receipt of the complaint will issue a written determination of the complaint which will be provided to the student and the affected unit or other individual.

If it is evident the complaint has not been previously addressed by the appropriate college/school/division/unit for investigation and proposed resolution, the complaint may be referred to the correct

level for a decision. The office that receives the complaint may overturn, modify, or uphold the previous decision made by the head of the unit.

The decision of the Office of the Provost or the Office of the Vice President and Chief of Staff shall be final.

## GOVERNING CATALOG

### UNDERGRADUATE

#### College of Business and Economics, College of Computer & Information Sciences, Regis College – Traditional Students

Traditional undergraduate students must adhere to the Core Studies requirements published in the *Catalog* in the year in which they entered their College. Graduating students must also meet the major(s) and minor(s) requirements as stated in the *Catalog* in effect when the major(s) and minor(s) were declared and approved. Undergraduate traditional students who leave the University and do not complete a Leave of Absence form--or if the form has expired (after two semesters) and they return--must meet the current Core and major/minor requirements. Requests for exceptions should be made in writing to the academic dean.

#### College of Business and Economics, College of Computer & Information Sciences, College of Contemporary Liberal Studies – Accelerated Students

Accelerated students program of study is determined by the University *Catalog* degree completion requirements in effect at the date of acceptance. Undergraduate students have seven years (84 months) from the date of acceptance to complete degree requirements. During the seven year period, students are permitted to benefit from any changes (e.g., transfer credit policy changes; does not include degree requirement changes) that were implemented since the date of acceptance into the program. If the seven years expire before the student has completed all degree requirements, the student must apply for readmission and the program of study is determined by the University *Catalog* degree completion requirements in effect at the date of reapplication.

#### Rueckert-Hartman College for Health Professions

Undergraduate students adhere to Core Studies and major/minor requirements as stated in the University *Catalog* in effect at the date of matriculation.

### GRADUATE

#### College of Business and Economics, College of Computer & Information Sciences, College of Contemporary Liberal Studies

Student program of study is determined by the University *Catalog* degree completion requirements in effect at the date of acceptance. Graduate students must complete all degree requirements within six years (72 months) from the date of the student's acceptance into the program. During that six-year period, students are permitted to benefit from any policy changes (e.g., transfer credit policy changes; does not include degree requirements changes) that were



implemented since the student's program acceptance. If the six years expire before the student has completed all degree requirements, the student must apply for readmission and the program of study is determined by the University *Catalog* degree completion requirements in effect at the date of reapplication.

## CHANGES IN REQUIREMENTS

The reevaluation of requirements listed in this section is the responsibility of University councils and the Board of Trustees, and is subject to revision. The Regis University *Catalog* provisions in effect at the time of acceptance will prevail. All students wishing to transfer from one major and/or minor to another must meet all degree requirements at the time the transfer is made.

## MAJOR DECLARATION

By the end of the sophomore year, each traditional undergraduate student must select a major area. In some majors, even earlier decisions are encouraged. The programs in accounting, business administration, computer science, economics, education, and the natural sciences require careful planning in order to meet all requirements in four years. For traditional undergraduate students, lower division requirements must be satisfied prior to submitting a Major Declaration form to the department for approval. Major Declaration forms may be obtained from the College of Business and Economics, the College of Computer & Information Sciences, and the Regis College Dean's Office and must be filed with the appropriate department.

The major indicated on the Application for Admission form and the subsequent degree plan serve as the declaration of a major for all other Regis University programs.

## DEFINITION OF A MAJOR

The major consists of a minimum of 18 upper division hours (courses numbered 400 and above) in one subject area with grades of "C-" or better required. Most major areas require additional lower division coursework and/or additional upper division coursework beyond the minimum of 18 semester hours. See requirements for specific majors in each college section of this *Catalog*.

## DOUBLE MAJOR

To earn a double major, all requirements for both majors must be met (including a minor if either major has a required minor in a specific area). A written and/or comprehensive examination may be required in the majors selected. When both majors are offered within the same degree (e.g., Bachelor of Arts), that degree is awarded. When a double major consists of one major from the Bachelor of Arts and one major from the Bachelor of Science, a single degree, the Bachelor of Arts and Science, is awarded. When one of the majors is offered with the Bachelor of Applied Science or the Bachelor of Science in Nursing degree (BSN), only the BAsC or the BSN degree is awarded.

In all cases, both majors are recorded on the diploma and the transcript.

## BACCALAUREATE DEGREE REQUIREMENTS

### ACADEMIC REQUIREMENTS

No course in which the candidate received less than a grade of "D-" is acceptable credit for the Core Studies requirements. If a particular Core Studies course is also being used to meet departmental or major/minor requirements, the minimal acceptable grade for the course may be higher depending upon the program and whether the course is meeting lower- or upper-division requirements. Students should refer to the appropriate program or department section of this *Catalog* for specific grade requirement information.

In addition to the completion of the academic requirements in Core Studies or major/minor requirements, the following requirements apply to each degree candidate:

- Students must complete 120 semester hours of academic coursework in which the candidate has earned a minimum cumulative Regis University grade point average of 2.000.
- Of the 120 semester hours required for graduation, College of Business and Economics undergraduate students must complete 33 semester hours at the upper division level; College for Contemporary Liberal Studies undergraduate students must complete 30 semester hours at the upper division level; and Regis College undergraduate students must complete 36 semester hours at the upper division level.
- No course in which the candidate received less than a grade of "D-" is acceptable credit toward fulfillment of degree requirements.
- All undergraduate students are required to complete a minimum of 30 semester hours at Regis University.
- Traditional undergraduate students are expected to complete their final 30 semester hours prior to graduation at Regis University.
- Student must complete a major consisting of a minimum of 18 hours of upper division coursework in one subject area unless an interdivisional or flexible major is involved. A major is intended to provide organization, intensive work, and a comprehensive understanding of one field of knowledge.
- A minor is optional except for majors that require a specific minor. If a minor is chosen, the minor area is selected in consultation with the major advisor and consists of a minimum of 12 upper division hours in one subject area. Some minor areas may require additional lower division credit hours and/or additional upper division credit hours beyond the minimum 12.
- No course in which the candidate received less than a grade of "C-" is acceptable credit for meeting upper division major or minor requirements. Some programs or departments require a grade of "C-" or better in the lower division requirements in the major.
- A transfer student must complete a minimum of half of the upper division hours in the major area and half of the upper division hours in the minor area at Regis University. (Exceptions to this policy are noted under "Departmental Regulations" in the department sections of this *Catalog*.)

- Any course(s) taken toward fulfillment of major requirements may also count toward fulfillment of the Core Studies requirements. A single course cannot, however, satisfy two Core Studies requirements.
- Upper division courses required to meet one major or minor cannot be counted toward a major or minor in another discipline except under the following conditions:
  - In the event that the upper division requirements for a major exceed 18 upper division hours, those excess hours may also be applied to another major or minor.
  - In the event that the upper division requirements for a minor exceed 12 upper division hours, those excess hours may also be applied to another major or minor.
- Courses that satisfy lower division prerequisites for more than one major or minor may be double counted.
- The successful passing of a written and/or oral comprehensive examination in the major field may be required by the academic department. The senior student who declares a double major must be prepared to take a comprehensive examination in both majors. The senior student with an interdivisional or flexible major may elect to take his or her comprehensive examination in any area in which he or she has accumulated 12 or more upper division hours. The scope of the material to be covered in these examinations, including departmental reading lists, is assigned by the department chairperson or director. The examination dates, places, and times are posted well in advance.

### Concurrent Baccalaureate Degrees

Occasionally, students are interested in earning two concurrent baccalaureate degrees at Regis University. The student must select one of the degrees as the first or primary degree. After admission to the primary program, the student must submit a written request for admission to the academic dean of the second program. If the dean approves the admission, that dean is responsible for notifying the dean of the primary degree program, the Academic Records office, and the student. Generally, the student completes the Core Studies requirements for the primary degree. If the second degree is offered from a college other than that offering the primary degree, the academic dean of the second college may require additional coursework to meet Core Studies requirements.

Major requirements for both degrees must be fully met. One-half of each major and one-half of any minor (if required by the major or if one is chosen) may be transferred to Regis upon entrance. All prerequisites and lower division requirements for the chosen majors and/or minors must be satisfied. Generally, courses utilized to meet upper division major requirements of one baccalaureate degree cannot be double counted to meet upper division major hours required for another baccalaureate degree unless the upper division hours are in excess of 18 hours. If necessary, substitute courses are designated by the appropriate academic dean. Each candidate must complete a minimum of 30 hours of residence at Regis for each degree. A minimum of 158 total credit hours is required to earn two degrees concurrently. In all cases, two diplomas are awarded and both degrees are recorded on the transcript.

### Additional Baccalaureate Degree

Changes of professional objective or special interests occasionally require attainment of a subsequent degree for individuals who have already completed a baccalaureate degree. Applications for admission to undergraduate study for an additional bachelor's degree must be submitted to the appropriate admissions office.

The previously earned baccalaureate degree must be from a regionally accredited institution. Additional coursework in Core Studies requirements, including philosophy and religious studies, may be required. Major requirements for the additional degree must be fully met. One-half of each major and one-half of any minor (if required by the major or if one is chosen) may be transferred to Regis University upon entrance. All prerequisites and lower division requirements for the chosen major and/or minor must be satisfied. Courses utilized to meet upper division major requirements of the previously earned baccalaureate degree cannot be double counted to meet upper division major hours required for an additional baccalaureate degree unless the upper division hours are in excess of 18 hours. If necessary, a substitute course is designated. Each candidate must complete a minimum of 30 hours of residence at Regis University subsequent to completion of the previously earned degree.

If the previous degree is from Regis University, the same stipulations apply, including the requirement of 30 additional hours of residency at Regis University.

### Additional Major

Students who have already received a baccalaureate degree from Regis University and wish to complete an additional major may be readmitted for that purpose. The student must complete all requirements for the additional major. Major requirements formerly completed for a baccalaureate degree from Regis University cannot be double counted to meet the required number of upper division hours of an additional major, unless the upper division hours in the previously earned major exceed 18 semester hours. Upon completion of the major, the student is awarded a certificate of completion of an additional major. The student's permanent academic record indicates that requirements for the second major have been met.

### Undergraduate Academic Certificate Requirements

Undergraduate Academic Certificates requires that students meet the following obligations in addition to a minimum of 12 specified semester hours:

A grade of "C-" or higher is required for all certificate courses. Grades lower than a "C-" do not meet any requirement of the Certificate Program under any circumstance. Six (6) semester hours of credit may be transferred upon entrance to the Certificate Program, provided the course(s) meet(s) transfer credit policies/equivalencies.

Refer to the appropriate college/school for academic certificates available and for specific certificate requirements

## GRADUATE DEGREE REQUIREMENTS

In addition to the completion of specific degree requirements, the following are also required of each graduate degree candidate:

- Completion of a minimum of 30 semester hours of 600-level or 700-level academic coursework in which the candidate has earned a minimum cumulative Regis University grade point average of 3.000.
- All graduate students must complete all degree requirements within six years (72 months) from the date of the signature on the Degree Plan. Some Regis University degree programs may have more restrictive time limits on degree completion.
- All graduate students are required to complete a minimum of 80% of the total semester hours required for a graduate degree (600-level or 700-level coursework) at Regis University.
- No course in which the candidate earned less than a grade of "C" (e.g., "C-") is acceptable credit for fulfillment of graduate degree requirements. However, the minimal acceptable grade for coursework may be higher depending upon the program. Students should refer to the appropriate program or department section of this *Catalog* for specific grade requirement information.
- If a "C" grade is acceptable for courses required for the degree, a maximum of two courses with a grade of "C" may count toward graduation requirements.
- Of the total semester hours required for a graduate degree at Regis University, no more than 20% of the total semester hours required may include transfer coursework or coursework included in a previously earned graduate degree from a transfer institution or from Regis University. Additionally, this coursework must fulfill specific course requirements for the graduate degree.
- The successful completion of a Master's Project, Master's Thesis or equivalent and/or written or oral comprehensive exams may be required by the degree program.

### Concurrent Master's Degree

To earn and be awarded two Master's degrees from Regis University within the same semester, all requirements for both degrees must be met (including prerequisite courses).

The student must meet all admissions requirements for each degree, be accepted as a student in each degree, and assigned an appropriate advisor for each degree. The student will select one degree as the primary academic intent and the other degree as a secondary academic intent.

Each program's requirements must be satisfied with distinct courses. A capstone must be completed for each degree.

For graduation requirements, a student submits two separate graduation applications, one for each degree to be awarded. Two diplomas will be issued. Each diploma will be issued separately.

Students must maintain a minimum cumulative grade point average of 3.000 in each program. Failure to do so will result in probation/suspension. The academic transcript will not separate out

coursework for degrees, but both degrees will be posted when they are awarded. Students may apply a maximum of two courses with a grade of "C" to each degree. Individual programs may have more restrictive requirements. Students will have six years to complete both degrees.

### Graduate Academic Certificate Requirements

An Academic Certificate requires that students meet the following requirements in addition to a minimum of 12 specified graduate semester hours:

- Candidates must maintain a cumulative grade point average of 3.000 or better in graduate level courses throughout the Certificate Program.
- A grade of "C" or higher is required for all certificate requirements. Grades lower than a "C" do not meet any requirement of the Certificate Program under any circumstance (i.e., a grade of "C-" is unacceptable).
- Any course required to complete one certificate may not be used toward fulfillment of requirements for another certificate.
- All semester hours required must be earned through Regis University.
- Graduate transfer credit is not accepted into the Graduate Certificate Program.

Refer to the appropriate school/program for academic certificates available and for specific completion requirements.

## GRADUATION PROCEDURES

### APPLICATION

The Application for Graduation form must be submitted to the Academic Records and Registration office before eligibility for graduation can be evaluated. Specific application deadlines and the Application for Graduation form are available online at [www.regis.edu/registrar](http://www.regis.edu/registrar). A \$50.00 Graduation Application fee is required.

Regis College: The Application for Graduation form is required at least one semester prior to the semester in which the student expects to complete graduation requirements or, for undergraduate students, after 92 semester hours have been completed.

A Regis University cumulative grade point average of 2.000 is required for undergraduates to apply for graduation. A Regis University cumulative grade point average of 3.000 is required for graduate students to apply for graduation. Failing to apply by the deadline or falling below the required cumulative grade point average may delay graduation to a subsequent semester.

### DEGREE AWARD/TRANSCRIPT POSTING

Students graduate within the semester that all requirements are met and documentation of such is received by the appropriate college. Incomplete grades, late application for graduation, late receipt of transcripts of transfer credit, or late processing of Waiver Substitution forms will result in the degree being awarded in a subsequent semester (the degree is awarded in the semester in

which all documentation is received/approved). Regis reserves the right to deny or revoke a degree or other academic credential if obtained by misrepresentation, fraud, mistake, or error.

Degree awards are posted to the Regis University transcript once all documentation of completion is received by the Academic Records and Registration office from the appropriate college.

Once a degree is awarded, the Repeat Grade Improvement Option or the Change of Grade Option is no longer available for that educational intent.

## GRADUATION HONORS

Undergraduate students who have earned 120 or more credit hours and who have completed all requirements for graduation are eligible for graduation honors.

Undergraduate program students who have completed 60 regular graded semester hours of Regis University coursework are awarded graduation honors according to the following cumulative grade point average standards:

Summa Cum Laude	3.900 - 4.000
Magna Cum Laude	3.700 - 3.899
Cum Laude	3.500 - 3.699

Undergraduate program students who have completed between 30 and 59 regular graded semester hours of Regis University coursework are awarded academic honors according to the following cumulative grade point average standards:

Summa Cum Laude	3.950 - 4.000
Magna Cum Laude	3.850 - 3.949
Cum Laude	3.750 - 3.849

Graduate students who have completed masters or doctoral degree requirements with a cumulative grade point average of 3.850 or better for 600-level or 700-level courses are awarded graduate honors.

Graduation honors are reflected on the academic transcript when the degree is posted.

NOTE: Since graduation honors are based on grade point average, regular graded semester hours and graduation honors are determined only by coursework that earns grade points. (See University-Wide Course Grading System in this section of this *Catalog* for a listing of grades that earn grade points.)

## Attendance at Commencement Ceremonies

Attendance at commencement ceremonies is encouraged. The Academic Records and Registration office is notified of the student's intent to participate in commencement through the Application for Graduation form. Undergraduate students are permitted to march in commencement if they are within 15 semester hours of completing their degree requirements.

Regis College: undergraduate students are allowed to march in commencement if they are within 12 semester hours of completing their degree requirements.

Graduate students are permitted to march in commencement if they are within six semester hours of completing their degree requirements. Graduates are listed in the commencement program for the commencement in which they march.

## Diplomas

Diplomas are mailed to the student upon confirmation of the completion of all degree requirements. However, diplomas are not released if any financial obligation to Regis University exists.

## REGIS UNIVERSITY GRADUATION RATES

The cohort includes students who enrolled as first-time, full-time, certificate, or degree-seeking undergraduate students for a given fall semester. The graduation rate is calculated by the percentage of cohort students who graduate within six years of entering the University. Regis University's graduation rates are listed below.

Cohort Year	Graduation Rate
2001	60%
2002	63%
2003	65%
2004	61%
2005	62%
2006	59%
2007	58%
2008	61%*
2009	73%
2010	68%

\*Revised in 2016 to 61% from 59%

Questions related to graduation/completion rates should be directed to:

Academic Records and Registration  
 Phone: 303-458-4126  
 Fax: 303-964-5449  
 E-mail: [studentservices@regis.edu](mailto:studentservices@regis.edu)

## REGIS UNIVERSITY ACADEMIC CALENDAR 2017-2018 ACADEMIC YEAR

The following is a list of start/end dates for each academic period by calendar type and by program. Academic period parameter dates as well as actual dates that classes begin/end and add/drop end dates for each program are specified. These dates are subject to change. Refer to [www.regis.edu](http://www.regis.edu) for revisions to the 2017-2018 Academic Calendar.

### SEMESTER

Period	Registration Start Traditional only	Classes Begin	Classes End	Add/Drop End	Withdrawal End
Fall 2017	03-27-17	08-28-17	12-17-17	09-05-17	11-12-17
Spring 2018	11-06-17	01-16-18	05-06-18	01-23-18	04-08-18
Summer 2018	03-26-18	05-07-18	08-26-18	05-14-18	07-29-18

### 13 WEEK

Period	Registration Start	Classes Begin	Classes End	Add/Drop End	Withdrawal End
Summer 2018	02-19-18	05-07-18	08-05-18	05-14-18	07-15-18

### 8 WEEK

Period	Registration Start	Classes Begin	Classes End	Add/Drop End	Withdrawal End
8W1-Fall 2017	06-05-17	08-28-17	10-22-17	09-05-17	10-08-17
8W2-Fall 2017	06-05-17	10-23-17	12-17-17	10-30-17	12-03-17
8W1-Spring 2018	10-16-17	01-16-18	03-11-18	01-23-18	02-25-18
8W2-Spring 2018	10-16-17	03-12-18	05-06-18	03-19-18	04-22-18
8W1-Summer 2018	02-19-18	05-07-18	07-01-18	05-14-18	06-17-18
8W2-Summer 2018	02-19-18	07-02-18	08-26-18	07-10-18	08-12-18

### 5 WEEK

Period	Registration Start	Classes Begin	Classes End	Add/Drop End	Withdrawal End
5W1-Fall 2017	06-05-17	08-28-17	10-01-17	09-05-17	09-24-17
5W2-Fall 2017	06-05-17	10-02-17	11-05-17	10-09-17	10-29-17
5W3-Fall 2017	06-05-17	11-06-17	12-10-17	11-13-17	12-03-17
5W1-Spring 2018	10-16-17	01-16-18	02-18-18	01-23-18	02-11-18
5W2-Spring 2018	10-16-17	02-19-18	03-25-18	02-26-18	03-18-18
5W3-Spring 2018	10-16-17	03-26-18	04-29-18	04-02-18	04-22-18
5W1-Summer 2018	02-19-18	05-07-18	06-10-18	05-14-18	06-03-18
5W2-Summer 2018	02-19-18	06-11-18	07-15-18	06-18-18	07-08-18
5W3-Summer 2018	02-19-18	07-16-18	08-19-18	07-23-18	08-12-18





## **COLLEGE OF BUSINESS AND ECONOMICS**

## COLLEGE FOR BUSINESS AND ECONOMICS (CBE)

Regis University  
David M. Clarke, S.J. Hall  
Mail Code: K-24  
3333 Regis Boulevard  
Denver, CO 80221-1099  
303-458-4080  
1-800-967-3237 (toll free)  
303-964-5274 (fax)

### CAMPUS SITES

Regis University campus centers are located in the following areas/communities:

Northwest Denver

Denver Tech Center

Students should consult an Enrollment Counselor for available learning formats and campus locations. The degrees vary in format, content, and delivery systems, but they share a common commitment to a high quality, value-centered educational experience.

## CBE DEGREE AND CERTIFICATE OFFERINGS

### BACHELOR OF SCIENCE

#### Accounting

#### Business Administration *Specializations*

Finance  
General Business  
Human Resource Management  
International Business  
Management  
Marketing  
Project Management

#### Economics\*

#### Finance

#### Human Resource Management

#### Marketing

\*Offered in traditional 16 week format only

### Undergraduate Academic Certificates

Project Management

### MASTER OF BUSINESS ADMINISTRATION (MBA)

#### *Optional Specializations*

Accounting  
Finance  
Health Industry Leadership  
Marketing  
Strategic Management

### MASTER OF NONPROFIT MANAGEMENT (MNM)

#### Graduate Academic Certificates

Nonprofit Organizational Capacity Building

Post-Master's Certificate in Nonprofit Executive Leadership

### MASTER OF SCIENCE

#### Accounting (MSA)

#### *Optional Specializations*

Financial Accounting  
Fraud/Forensic Auditing  
IT Accounting  
Managerial Accounting

#### Human Resource Management (MSHRM)

#### Marketing

#### Organizational Leadership (MSOL)

#### Project Leadership and Management (MSPLM)

#### Graduate Academic Certificates

Executive Leadership

Executive Project Management

Strategic Business Management

Strategic Human Resource Integration

## GENERAL INFORMATION

Unless otherwise noted, the College of Business and Economics follows all policies and procedures as stated in the General Information section of this *Catalog*.

### MISSION

The College of Business and Economics offers innovative, higher education in both traditional and non-traditional formats that allows students to meet their academic, professional and personal goals, and to make a positive impact in a changing society.

Inspired by the Regis University Mission which focuses on the common good, we motivate and challenge a diverse community of students, faculty and staff to acquire knowledge, abilities and

commitments necessary for distinguished professional work and leadership in service to others.

## PURPOSE

The College of Business and Economics offers undergraduate and graduate degree programs, certificates, credit courses, and non-credit courses in both traditional and non-traditional formats.

Undergraduate offerings tailor learning to the student in the non-traditional program through classroom-based, online and to students in the traditional 16-week program through classroom delivery. The College of Business and Economics is structured to serve three general groups of undergraduate students:

- those who desire to experience a traditional undergraduate program
- those undergraduates who wish to complete a program leading to a degree and
- those who seek specialized training or knowledge to increase their competence in their current occupation or profession or to prepare themselves for a new occupation or profession.

The College offers graduate programs to students seeking a degree or graduate level education in a specialized business discipline or to those who seek broader management skills and knowledge. Graduate classes are available in both classroom and online delivery formats to meet student learning and lifestyle needs.

## SERVICE LEARNING

Service Learning is a form of experiential education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development. Service Learning joins two complex concepts: community action, the “service” and efforts learned from that action and connect what is learned to existing knowledge, the “learning.” Community service becomes service learning when it is connected to classroom curriculum and activities and contains opportunities for students to reflect on their experiences, thus allowing for consciousness raising and systemic change. This is particularly true for Jesuit education that has for centuries held a mission of forming men and women who seek to transform the world through service to others.

The College of Business and Economics Service Learning program seeks to assist CBE faculty in integrating social justice and service learning concepts and activities across the curriculum in undergraduate and graduate programs. The Service Learning program in CBE houses information regarding service learning opportunities for faculty, students and staff including a database of service opportunities and resources for curricular information. The CBE Office of Service Learning offers site referrals and consultation, faculty development, resource development, service learning newsletter, and evaluation.

## ADMISSION

Regis University uses two general approaches in evaluating any applicant for admission; evidence of academic and co-curricular achievement and evaluation of the individual's potential for success at Regis University.

Completed applications and all required documentation for admission must be received by the Office of Admissions no later than two weeks before the start of classes each semester. Admissions can be unavailable due to a wait list and/or other enrollment restrictions. Students applying after this deadline may be required to have an interview with the dean and/or the director of admissions.

All documents submitted during the application process become the property of Regis University.

## CBE UNDERGRADUATE ADMISSION REQUIREMENTS

### Undergraduate Traditional Students

#### High School Graduates

Prospective students who wish to apply should complete the following requirements:

- Complete the Regis Freshman Application or The Common Application. Regis University accepts the Common Application in lieu of its own application and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request that official high school transcripts be forwarded to Regis University's Office of Admissions. (Transcripts must be official and may not be stamped Student Copy.)
- High school seniors should have their official ACT and/or SAT test results forwarded to the Office of Admissions from their high school or testing agency. (ACT code: 0526; SAT code: 4656.)
- Applicants should include a personal statement or essay with their application. This will allow the admissions committee to get to know the applicant better.
- Applicants should submit one letter of recommendation either from a high school counselor or a teacher.
- Applicants are strongly encouraged to schedule a visit to campus to attend an information session and tour campus. Once accepted into Regis University, the admissions office asks the applicant to confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### General Educational Development Diploma Recipients

A student who has received a General Educational Development (GED) diploma is eligible for admission to the College of Business and Economics.

### Transfer Students

Applicants are granted admission on the basis of academic record and the intended field of study. A student wishing to transfer to Regis University must have a satisfactory cumulative grade point average. Class status is determined by the number of hours that are transferable from a regionally accredited institution. Specific questions concerning the evaluation of credits should be directed to the Office of Admissions. Transfer students are not admitted with senior standing unless they are willing to complete a minimum of 30 semester hours at the University.

Additionally, all transfer students are subject to specific Core Seminar requirements as outlined in this section of this *Catalog* under the Core Studies Requirements heading.

Traditional students who wish to transfer to CBE should:

- Complete the Regis Transfer Application or The Common Application. Regis University accepts the Common Application in lieu of its own form and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request official transcripts from each college attended to be sent directly to Regis University's Office of Admissions. (Transcripts must be official and may not be a stamped Student Copy.)
- Applicants should include a personal statement or essay with their application. This allows the Office of Admissions to get to know the applicant. Official high school transcripts are required if transfer student has less than 30 semester hours completed at the time of submitting the application.

Once accepted into Regis University, the admissions office requests that the applicant confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. If the applicant plans to live off campus, the deposit is \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### Returning Students

Students who attended Regis University and have not attended another institution since their departure are eligible to return to the College if they were in good academic standing at the time of their exit.

Students who have attended another institution during their leave from Regis must submit a transcript of all coursework attempted during their leave. The admission decision is based on the student's academic performance at the college or university attended during the interim and his/her Regis grade point average.

If the student returns to Regis after a year or longer absence, he/she must reapply to the University. If the student is returning within one year of leaving Regis, it is not necessary to reapply. However, it is necessary to request that the student's file be activated by completing a Regis University Admission File Reactivation form. No admission fee is assessed for returning students.

### Non-degree Seeking Students (Unspecified Student)

Non-degree seeking students who desire nine or fewer semester hours of credit may enroll at Regis University as unspecified students if they possess a high school diploma or equivalent certificate. Unspecified students must submit applications before the beginning of the semester in which they plan to enroll. A nonrefundable \$150 deposit, which reserves academic space, is required.

An unspecified student may take any lower division course with the exception of courses in the Commitment Program. Such a student may not live in the College residence halls. Unspecified students are held to the same academic standing policies as full-time degree-seeking students.

Unspecified students who have already earned a bachelor's degree need not apply for formal admission to Regis after attempting nine hours. These students are also permitted to take upper division coursework. Undergraduate part-time students who have not previously earned a degree and wish to register for courses above the nine hour limit, need to apply for admission to a degree program through the Office of Admissions.

### Admission on Academic Probation

Regis University recognizes that some students have had setbacks in earlier academic endeavors and are now motivated to perform well academically. These students include applicants who present either low ACT or SAT scores, a low grade point average from another college/university, or high school, and/or have been out of school for at least three years. CBE is willing to consider some students with these profiles for probationary admission. The academic performance of each student admitted on probation is reviewed at the end of one semester; students must complete at least 12 credits with a 2.000 GPA to continue attending the college.

### Late Admissions Policy

- Students who apply on or before the first day of class may be allowed, at the discretion of the academic dean, to register as late as the end of the add/drop period.
- Students who wish to apply between the first day of class and the end of the add/drop period are cleared on a case-by-case basis.
- Students should have a current unofficial transcript.
- Any student attempting to process financial aid or veterans benefits paperwork, or those who cannot meet their financial obligation immediately, are encouraged to wait until the following semester.



- Late admission students do not have priority for enrolling in courses, especially closed courses.
- A Dean's Office designee is the advisor of these students to assist them with the immediate hurdles incurred by late arrival. The advisor deals with any additional student problems as required during the course of the semester.

### Undergraduate Non-Traditional Students

Degree-seeking applicants for the non-traditional undergraduate degrees programs must possess:

- high school diploma or equivalent,
- transferable course credit from a regionally accredited college or university (preferred),

CBE programs of study may impose additional requirements for admission.

*Undergraduate Application Process:*

- Complete the online undergraduate application
- Pay the \$50.00 non-refundable application fee. The fee is waived for student who previously applied to Regis University and for students who have graduated from Regis University.
- Complete the personal statement essay as stated on the application.
- Request official transcripts from all institutions previously attended. Official transcripts are sent directly from the institution to Regis University.

Additional admission requirements (listed below) apply to international students who are non U.S. citizens.

### Non-Degree Seeking/Special Students

Undergraduate students seeking admission as a non-degree seeking, special student must:

- Submit the application and the application fee.
- Possess a high school diploma or equivalent.
- Possess transferable college credit from a regionally accredited college or university.
- A maximum of 18 semester hours may be taken.
- Non-degree seeking students do not need to submit transcripts or a writing sample.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree-seeking students apply to degree requirements if the courses are appropriate for the selected degree.

### Returning Students

Undergraduate degrees from the non-traditional program are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a

period of time. They may return at any time within the seven year degree completion time period.

Students near the end of their seven year program limit and within 24 semester hours of completing their degree may request from their advisor an approval of a program of study extension. The extension is for a maximum length of one year.

### Undergraduate Certificate Admission

Undergraduate applicants seeking a Certificate of Completion or an Academic Certificate must submit a completed application for admission and the required fee. Additional documentation is not required. However, if the student intends to matriculate as a degree-seeking student, he/she must meet the requirements of degree-seeking candidates outlined above.

## CBE GRADUATE ADMISSIONS REQUIREMENTS

Regis University's College of Business and Economics is dedicated to delivering a world-class business education founded on individualized, values-based, experiential learning. We seek to attract aspiring business leaders who demonstrate a passion for addressing today's complex economic, environmental, and social challenges with an ethical and innovative approach that addresses urgent civil needs.

The admissions evaluation is based on the totality of information available in the admissions application. No single factor (GPA performance, essay, letters of recommendation, test scores and work experience is the deciding factor for admission. Each application is considered holistically, taking into account factors such as experience, fit with Regis University's mission, aspirations, values, and accomplishments.

Admission is open to all individuals who have earned a baccalaureate degree in any field of study from a regionally accredited college or university.

The Admissions Office must receive the following documentation from each applicant before an admission decision can be rendered:

- Completed application form, which includes a non-refundable application fee
- Official transcripts reflecting a baccalaureate degree awarded from a regionally accredited college or university with a 3.0 GPA overall, or 3.0 GPA for the most recent 30 semester hours.
- GMAT or GRE scores from tests completed within the past five years.
- **Exceptions and alternatives to GMAT/GRE:**
  - a. If applicant possess a graduate degree from a regionally accredited Institution, GMAT/GRE is not required.
  - b. If applicant possess an undergraduate degree from Regis University, the GMAT/GRE may be waived with two letters of recommendation forms from Regis University faculty.

- c. If applicant has demonstrated eight years or more professional experience including three years or more of accounting management/supervisory responsibility applicant may request an exception to the above minimum requirements.

Note: An applicant not meeting the above requirements may submit a request for special consideration and an interview with the Admissions Committee.

- Completed admission essay based on provided topics
- Two online recommendation forms from colleagues or a supervisor
- Current resume
- A faculty interview may be necessary

Some CBE graduate programs of study may impose additional requirements for admission:

*Master of Business Administration:*

- Current resume reflecting a minimum of four years of professional experience.

*Master of Nonprofit Management:*

- Recent engagement in a nonprofit organization (paid or volunteer) and/or access to a nonprofit leadership team is important to the success of incoming students and will be evaluated by the admissions committee.

Once all documentation has been received, an admissions committee reviews the application and makes an admission recommendation.

## Graduate Writing Skills

Since graduate writing skills are critical to the successful completion of a master's degree in CBE, any student receiving an evaluation of 'unsatisfactory' on the essays submitted with the application, will be required to complete a writing course prior to entering any graduate level courses in the program.

## Graduate Certificate Admission

To be considered for admission, an applicant must:

- submit a completed application and application fee,
- student copies of the degree granting transcripts demonstrating a 3.00 GPA for the undergraduate program or in the most recent 30 semester hours (Official copies of all required transcripts must be received by the Regis University Admission Office within 30 days of starting classes),
- a current resume reflecting significant professional in the field related to the specific certificate,
- and other required documents as determined by Admissions or the program.

All applicants for Graduate Certificate Programs must interview with the Chair or Curriculum Coordinator for the program applied in which the Certificate resides. Applicants will be directed to this individual by the Admissions Department.

A student who has been admitted into the certificate program may apply for admission into an associated MS graduate program without taking the GRE or GMAT if they have taken at least *three* Regis graduate courses in the College of Business and Economics and maintained a cumulative 3.0 GPA in all of these certificate courses. They must have no grade in any Regis graduate course below a "C".

## Non-Degree Seeking/Special Students

Graduate students seeking admission as a non-degree seeking, special student must:

- Submit the special student application and the application fee.
- Provide official documentation of a baccalaureate degree from a regionally accredited college or university.
- Have appropriate work experience.
- Meet prerequisite requirements.
- Have degree chair approval.

A maximum of nine semester hours may be taken. Additional semester hours may be taken with approval of the appropriate degree chair.

Non-degree seeking students are not eligible to receive financial aid or veteran's benefits.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree seeking students apply to degree requirements if the courses are appropriate for the selected degree.

## Provisional Admission

An applicant may be admitted provisionally based on meeting the requirements for admission and is eligible to begin classes, but must complete outstanding prerequisite courses within a defined timeframe after enrollment, to continue at Regis. Should the outstanding prerequisite course(s) within the defined timeframe not be completed, the student will not be able to enroll for future classes at Regis within that program. It is up to the college and specified program requirements to determine the timeframe after enrollment for prerequisite course completion.

## Conditional Admission

The academic program may allow a student to be conditionally admitted when identified conditions must be met prior to starting classes at Regis as a degree or certificate seeking student. These conditions are outlined for the applicant within a "terms and conditions" letter issued by the Office of Admissions. Examples of conditional requirements include prerequisite course completion, background check completion, or international document submission required to start classes in the identified degree program.

Also in this category are applicants who are actively enrolled as undergraduate students (at any regionally accredited institution) at time of applying to one of Regis' graduate programs. These active undergraduate applicants are permitted to enroll for the first eight week or five week term with current unofficial transcripts, but

unable to enroll in future classes until official transcripts are received.

### **Probationary Admission**

Students who do not meet all academic admission criteria but demonstrate promise for the program may be admitted on a probationary basis. Under the probationary status, students must attain a grade of "B" or higher on the first nine hours of graduate course work or successfully complete designated requirements. A grade of "B-" or lower is not acceptable. Successful completion of the requirements removes the probationary status and may entitle students to good academic standing.

### **Returning Students**

Graduate degrees are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a period of time. They may return at any time within the six year degree completion time period.

Students near the end of their six year program limit and within 9 semester hours of completing their degree may contact their program and request an approval of a program of study extension. The extension is for a maximum length of one year.

### **OFFICIAL TRANSCRIPTS**

Official transcripts must be received by the Office of Admissions for all applicants within 30 days of starting classes as a degree or certificate seeking student at Regis. Students may register for up to one five week or eight week term prior to official transcripts being on file. However, students will not be permitted to continue enrollment at Regis after this initial five or eight week term until official transcripts are on file in the Office of Admissions.

### **EXPIRED APPLICATIONS**

Applications remain current for one year after submission. Students who do not enroll in any Regis course within one year must reapply and complete the admissions process under the policies and degree requirements in effect at the time of reapplication. No additional admission fee is charged.

### **CBE INTERNATIONAL STUDENT ADMISSIONS REQUIREMENTS**

The College of Business and Economics welcomes international students. However, the curriculum places heavy emphasis on English reading, speaking and writing skills. No exceptions to degree requirements are made.

All international students must complete the general admission requirements for the program of interest and the following requirements:

Submission of an official score report of Test of English as a Foreign Language (TOEFL) with a minimum score of 550 (paper-based) or 213 (computer-based) minimum essay (TWE) score of 5, or the approved web- Internet-based TOEFL total score of 82 with total minimum scores of: 24 Writing, 20 Speaking, 22 Reading, 16 Listening. The Academic IELTS with an overall band

score of 6.5 or higher may also be submitted in lieu of the TOEFL. If the admissions counselor determines through an alternate formal English language proficiency assessment that the student has the necessary language proficiency, the requirement for submission of the TOEFL may be waived by the appropriate College of Business and Economics program director or dean.

English proficiency requirements may be waived if one or more of the following criteria is met:

- English is the student's native language.
- Proof of satisfactory completion (grade of C or better) of a college-level English course at a U.S. regionally accredited institution.
- The student is applying for a graduate or doctorate degree and completed a U.S. undergraduate or graduate degree (taught in English),
- An official letter from the secondary high school or university's registrar's office stating the previous school or university outside the U.S. taught all courses in English when the student attended.
- Successfully complete and pass the Academic English program at Language Consultants International (LCI) at a level 7 or higher and provide an official LCI certification of completion indicating satisfactory completion of this English program. LCI is accredited by the Commission on English Language Program Accreditation (CEA).

If an approved academic or admissions authority (select faculty, directors, chairs, or deans) within each college determines through an alternate formal English language proficiency assessment that that student has the necessary language proficiency, the requirement for one of the above may be waived on a case-by-case basis.

A course-by-course evaluation of all international academic credentials from an approved credential evaluation service approved by the College of Business and Economics.

Submission of documentation to the program office of financial ability to pay one year's expenses, including tuition, fees, living expenses, etc., and demonstrate adequate coverage for Health Insurance in the United States, for issuance of an I-20 by the Office of Academic Records and Registration. An I-20 cannot be issued until the student has been admitted by the University.

Additional English instruction may be required on or after admission to the program to ensure success in completing course work.

For Graduate Program students, the applicant's undergraduate degree must be equivalent to a four year bachelor's degree granted by a regionally accredited college or university in the United States. Equivalency is determined by an approved credential evaluation service paid for by the applicant. In addition, applicants with an international background must demonstrate graduate level English writing skills.

International students applying to the Master of Business Administration or Master of Science in Accounting degree or certificate programs may submit official GMAT scores with a

minimum writing skills score of 3.5 to the Admissions Office or submit the essays.

International applicants processing or seeking a student visa can only be considered for full acceptance (not conditional), and must maintain a full-time course load. International applicants are not eligible for Financial Aid.

To ensure enough time for the processing of international student applications, it is recommended that international students apply no later than four weeks before the academic period for which enrollment is intended. Applications received later may not be processed in time and may have to be held for the following academic period. All documents submitted during the application process become the property of Regis University. Additional information on International Student Admission can be accessed at [www.regis.edu](http://www.regis.edu).

## ACADEMIC INFORMATION

### STUDENT RESPONSIBILITIES

Students are expected to have college-level writing skills when they enter a program. These skills include writing mechanics (grammar, spelling, punctuation, word usage and structure) along with analysis of issues, support of position, and clarity of thought. Each student is responsible for meeting the writing standards designated by the degree program.

### STUDENT ETHICS STATEMENT

An integral component of CBE courses is student and faculty self-disclosure and the use of personal experience for the purpose of facilitating course work. Each student is expected to honor confidentiality as it pertains to student disclosure. It shall be a violation of the ethical standards to use shared information, comments, or opinions expressed by another student or facilitator/instructor in the educational setting in a manner which is intended to humiliate, embarrass, harass, damage, or otherwise injure the student in his/her personal, public or business/professional life. In addition, confidentiality must be upheld by not disclosing any information which would identify a particular individual or organization.

An additional integral component of higher education is challenging one's own perceptions and beliefs regarding the course content and integrating information as well as understanding opposing perceptions and beliefs. Thus, students have the right to choose how much they will disclose and must also accept the responsibility of respecting disclosure of other students and facilitators/instructors.

### STUDENT STANDARDS OF CONDUCT

In the spirit of the Jesuit mission of Regis University, CBE students and faculty share responsibility for maintaining an appropriate learning environment. This includes using information technology responsibly in online and other courses. In order for faculty members to provide and students to receive effective instruction in classrooms, laboratories, online courses, and other learning areas, the College of Business and Economics and the faculty expect students to conduct themselves in an orderly and

cooperative manner and not engage in disruptive behavior, disorderly conduct or intentionally interfere in the freedom of expression of others.

"Disruptive Behavior" or "Disorderly Conduct" as applied in all academic settings and formats (i.e., classroom, online, independent study, etc.) means behavior that a reasonable faculty member or student would view as intentionally or recklessly interfering with normal academic functions, university events, or university sponsored activities.

Examples include, but are not limited to: persistently speaking or commenting without being recognized or interrupting other speakers; behavior that distracts the class from the subject matter or discussion; or, in extreme cases, physical threats, harassing behavior or personal insults; refusal to comply with faculty direction including refusal to work in a group, using a cell phone or pager during a classroom session, inappropriate mediated communication; or behavior that has a negative impact in any learning environment.

Disruptive behavior also includes any other behavior covered by the Regis University Student Handbook: Code of Conduct which can be found at [www.regis.edu](http://www.regis.edu).

Students who fail to adhere to acceptable behavioral standards may be subject to discipline which may include reprimand, dismissal from the class and/or expulsion from the College of Business and Economics. Students who wish to appeal a decision regarding the consequences of their behavior should follow the Appeal Process outlined in the Regis University Student Handbook.

### LEARNING FORMATS

A variety of learning formats and locations offer students flexibility and options in completing graduate and undergraduate study. Among all degrees, close attention is given to the integration of theory and practice as well as opportunities to develop skills and abilities that prepare learners for changing demands of the workplace. Three learning options are available for students to earn Regis University credit: traditional classroom-based, accelerated classroom-based, and online.

#### Classroom-Based

Classroom-based courses are offered in five, eight, and 16-week academic periods, weekend intensive format or in summer intensive format. Most traditional courses meet two or three days per week on the Northwest Campus for a total of 37 contact hours. Most non-traditional courses meet one or two days/evenings each week for a total of 20 to 32 contact hours. Course learning format, selection, and availability vary by campus location.

Students choosing the non-traditional format usually study a single subject area for a concentrated period of time. This course format is based on a facilitative model of learning.

Most non-traditional classes require a minimum of 19-25 hours of combined study and classroom time each week, depending on the course content, course length and the student's learning style. While this model allows for degree completion in a shorter

period of time, there is an increased expectation for independent learning outside the classroom.

## Online

Online courses are generally offered in a non-traditional eight-week format over the Internet. These courses are designed to provide an interactive learning experience for students. Faculty and students communicate and collaborate through online discussions and e-mail. Course materials generally include textbook(s) and online workshops.

Lifestyle issues--including variable work schedules, family responsibilities, physical limitations or geographical inaccessibility--make this a viable option for students pursuing higher educational goals. Online courses have highly structured requirements and deadlines which fall within eight week academic terms.

Online students need to have computer equipment and skills at a specified minimum level. Please check with the undergraduate program for current requirements. Students should allocate a minimum of 20 hours each week for completing course assignments and participating in online discussions.

## CURRICULUM

Regardless of format, each course offered through the College of Business and Economics focuses on course objectives, required learning activities, and outcome evaluation. Close attention is given to the integration of theory and practice, as well as the opportunity to develop skills and abilities that prepare students for changing demands of the workplace.

Because effective written and oral communication skills are essential in both occupational and academic environments, the CBE emphasizes the development of these skills.

## FACULTY

In addition to full-time faculty, the College of Business and Economics makes use of facilitators, independent study course instructors, and presenters who are frequently working professionals representing various corporations, businesses and organizations. All hold a master's or doctoral degree, and bring academic theory and current professional experience to the learning environment. An assessment process is employed to determine not only the knowledge base of each selected faculty member, but also his/her ability to facilitate the learning of all students.

## ACADEMIC ADVISING

A unique feature of CBE is its emphasis on academic advising. Advisors are available to assist with course planning and degree development as needed. Advisors provide assistance and recommendations to students from the point of admission through graduation.

## EARNING ACADEMIC CREDIT

Toward completion of degree, certificate, or licensure requirements, students may utilize a combination of the following methods for accumulating credit:

### Regis University Credit

Students may complete Regis University academic course work through any combination of the following learning formats as availability of course format permits:

- classroom-based courses
- online courses
- blended courses (classroom-based and online combination)

Course work acquired through any of these learning formats, as well as courses available through the College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College or the Rueckert-Hartman College for Health Professions, meet the definition of Regis University credit.

All undergraduate students seeking a bachelor's degree are required to complete a minimum of 30 semester hours at Regis University.

## COMPETENCY-BASED CREDIT

Competency-based credit is awarded for non-classroom experiences. This includes National Standardized exams such as College Board Advanced Placement (AP) Examinations, College Level Examination Program (CLEP), Defense Activity for Non-Traditional Education Support (DANTES) Subject Standardized Testing Program and International Baccalaureate (IB) Program. While there is no limit to the amount of credit that can be awarded through these testing programs, these credits do not apply toward meeting the Regis University residency requirement.

Students are advised to review their previous college work with an advisor and seek approval prior to taking any examination to avoid duplicate or unacceptable credit.

### College Board Advanced Placement (AP) Program

Credit and/or placement in advanced coursework is awarded for AP examinations. Minimum scores required for awarding of credit and/or placement is established by the University. Students should check with the Regis University Office of Admissions to determine minimum scores required and how credit awarded for AP examinations satisfies degree requirements.

### College Level Examination Program (CLEP)

There are over 30 standardized CLEP exams in a wide range of academic areas offered nationally through the College Board. Most CLEP exams meet specific Regis University degree requirements.

The most recent Official Handbook for CLEP Examination is available in most bookstores, including the Regis University Bookstore, library and Regis website at [www.regis.edu](http://www.regis.edu). This guide should be used as a reference in preparation for all CLEP exams. Minimum scores required for awarding credit are established by



the University. Students who do not achieve a passing score must wait six months to retake the exam.

### **Defense Activity for Nontraditional Education Support (DANTES)**

DANTES Subject Standardized Tests (DSST) was originally developed for military personnel. They are similar to the CLEP exams but cover additional subject areas.

Fact sheets for each DANTES exam are available from the Testing Center or Regis website. Minimum scores required for awarding credit are established by the University. Students who do not achieve a passing score must wait six months to retake the exam.

### **International Baccalaureate Program (IB)**

Credit is awarded for IB subject examinations that have been completed at the higher level. A minimum passing score of four is required. Students should check with the Regis University Office of Admissions to determine how IB credit satisfies degree requirements.

### **Transfer Credit**

An official evaluation of transfer credit will be completed only after all admissions requirements have been met, formal admission to the University has been granted, and the student has submitted the required official credentials. Any evaluation of transfer credit completed prior to meeting all these conditions is considered unofficial.

Transfer credit policies vary for undergraduate and graduate programs in the College of Business and Economics. In order to ensure acceptance of transfer credit from other institutions once students are enrolled at Regis University, all transfer courses need prior approval of an undergraduate advisor, graduate faculty advisor or designee. Undergraduate transfer credit with a grade of "C-" or better is accepted in transfer toward an undergraduate degree. Graduate transfer credit with a grade of "B-" or better is considered for transfer toward a graduate degree. For additional information on transfer credit, students should refer to the Transfer Credit Information in the Regis University General Information section of this *Catalog*.

### **Undergraduate**

The College of Business and Economics accepts credit toward core, lower division major, general elective requirements, and up to half of the upper division semester hours required for the major and (if applicable) half of the upper semester hours required for the minor in transfer credit. A maximum of 90 semester hours may transfer toward an undergraduate degree. Specific questions concerning the evaluation of credits should be directed to an advisor.

In addition to credit transferred from regionally accredited institutions of higher learning, the CBE Undergraduate Program has established provisions for the acceptance of military, business and industry training, and technical credit.

### **Graduate**

Of the total semester hours required for any one of the graduate degrees, no more than 20% of the total semester hours required may include transfer credit course work, or course work included in a previously earned degree from another regionally accredited college or university or from Regis University. Graduate degrees with the total semester hours required equal to either 30 or 36 semester hours may transfer a maximum of 6 semester hours. Graduate degrees for which 48 semester hours are required permit 9 semester hours of transfer credit. Acceptance of transfer course work is based on a course content review. Transfer course content must be equivalent to a degree course.

Course(s) considered for transfer must be graduate level and be equivalent to a course required for the degree or meet a degree requirement category (e.g., general elective). Students must have earned a minimum grade of "B-" for the course(s) to be eligible for transfer and only credit completed within the last ten years is eligible for transfer consideration. Some graduate programs may have a more restrictive age limit for transfer credit than the University limit of ten years. Students may also be requested to submit official course descriptions or a course syllabus. Transfer credit is approved by a graduate faculty, assistant dean, or designee.

Course work is eligible for transfer at any point during the program of study unless otherwise stated. Graduate degree programs may have more specific or more restrictive transfer credit policies than these stated policies. Specific transfer credit policies are stated in the appropriate graduate degree section of this *Catalog*.

### **Graduate Certificate Transfer Credit**

Graduate transfer credit is not accepted into the Certificate Program. All semester hours required must be earned through Regis University.

### **Military Credit**

Credit is awarded upon recommendation of the ACE Guide for Educational Experiences in the Armed Services.

### **Business and Industry Training**

Credit is awarded upon recommendation of the American Council on Education National Guide for ACE evaluated courses in business and industry training programs and the National College Credit Recommendation Service (NCCRS).

### **Technical Credit**

Technical credit is defined as college-level credit in the practical, industrial or mechanical arts or the applied sciences. The credit must come from a regionally accredited institution, or from institutions with certain national accreditations. A maximum of 24 semester hours of Technical Occupational Specialty (TOS) credit are allowed to transfer as undergraduate general elective credit.

## REGISTRATION

The course schedules in the College of Business and Economics are originated by the respective programs. Students should register online via WebAdvisor, in person, or by phone. Students may register and pay at any Regis University site.

### Add/Drop

College of Business and Economics students may drop a course through the end of the published add/drop period via online via WebAdvisor, in person, or by phone, or at any Regis University site. When students drop a course within the add/drop period, the course does not appear on the transcript and tuition charges are credited to the account. Students in the traditional College of Business and Economics program must have approval from their advisor to add/drop courses. Students are responsible for dropping courses they do not plan to attend.

## TUITION AND FEES

Tuition, fees, and other charges are good faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

Registration confirmations and invoices are mailed to students. Payment of tuition and fees is expected by the published due date. There are several payment options, which are explained in the General Information section of this Catalog. Students are also urged to go to the Regis website, [www.regis.edu](http://www.regis.edu) for more information.

## CONCURRENT ENROLLMENT IN OTHER REGIS UNIVERSITY COLLEGES OR PROGRAMS

### Undergraduate

Students may take courses in multiple programs within colleges to fulfill degree requirements for graduation. Students wishing to cross-register within the University are not required to complete an application. Students should consult with their academic advisor

### Graduate

College of Business and Economics policy provides students with the opportunity to transfer up to six credit hours of graduate course work into a graduate degree plan. Generally, this policy is used to accept course work completed prior to admission into the graduate program. However, under special circumstances, students have the opportunity to complete work in other Regis graduate programs while enrolled in a CBE graduate program and receive credit for the courses toward degree requirements.

To register for graduate courses in another college/program, a student must meet all requirements of the college/program whose course work is taken. Suitability of course work from other Regis graduate programs for CBE degree requirements depends on several factors: relevance of the course to the student's needs and goals; compatibility of the course with CBE graduate mission and

goals; fit of the course into the requirements of the student's degree and/or specialization; and suitability of the course for credit in the area of Business Administration. Approval for transfers under this policy must be obtained from the student's academic advisor prior to registration.

Student enrolled in other Regis University graduate programs and in Good Standing may register for CBE graduate courses that are either classroom-based or online. To do so the student must: have the approval from his/her academic advisor in the program in which the student is currently enrolled and obtain written approval from the appropriate CBE graduate program chair.

Courses eligible for cross registration include all CBE graduate courses for which there is no prerequisite requirement. If a student wishes to enroll in a course for which one or more prerequisite course exists, the student must satisfy all prerequisite requirements before he/she will be permitted to enroll. Permission to enroll in CBE graduate courses does not guarantee that the courses can be used toward the student's degree requirements.

## CONCURRENT ENROLLMENT AT A COLLEGE OR UNIVERSITY OTHER THAN REGIS UNIVERSITY

Information regarding institutions whose credit Regis University accepts in transfer is available from the student's academic advisor. In order to ensure acceptance of transfer credit once the student is enrolled at Regis University, prior approval by the student's academic advisor is recommended for all concurrent enrollment at other institutions.

Concurrent Enrollment Request forms may be obtained online through WebAdvisor. Undergraduate students are not permitted to take the last 30 semester hours of coursework at another institution without permission of the assistant dean for the College of Business and Economics. A grade of "C-" or better must be earned for undergraduate coursework to be accepted in transfer.

## COURSE AVAILABILITY

Regis University does not guarantee that courses will be offered at the same campus location or on the same day as they were offered for a previous academic period. A course is subject to cancellation if the minimum student registration for that course is not met.

## CLASS ATTENDANCE

Students are expected to make every effort to attend all class meetings. Attendance standards for individual courses are established in writing by the instructor at the first class session. Students unable to attend the first class must contact the instructor ahead of time.

Students in a five week course who are absent from one class or fail to participate in one week's online course, may receive a failing grade. Students in an eight week course who are absent from two classes or fail to participate in two weeks of online classes may receive a failing grade.

## ATTENDANCE AT FINAL EXAMINATIONS/CLASS

Final examinations may be given at the end of each academic period. Students who miss a final examination, or who fail to submit all required work without a justifiable excuse, are awarded a grade based on all course requirements. Students who are unable to take a final examination or complete final course requirements for a valid reason (i.e., circumstances beyond the student's control) must request in writing to the instructor a grade of incomplete (I). The "I" grade must be removed within a specified period of time or the alternate grade is assigned. More information can be found under the "Grading" heading in this section of the *Catalog*.

## COURSE LOAD/OVERLOAD

### **Undergraduate Traditional**

The average class load is 15 to 18 semester hours. Ordinarily, only students with a 3.000 minimum cumulative grade point average and no grades of Incomplete are allowed to carry more than 18 semester hours. Permission to carry 19 or more semester hours (course overload) must be obtained from the assistant dean for the College of Business and Economics. If, in the judgment of the assistant dean, a student benefits by a reduced course load, the student is restricted to a course load of fewer than 15 semester hours.

Students in the traditional program will be allowed to register for no more than one non-traditional course each eight-week session, but only when the traditional schedule of courses during the corresponding semester does not exceed 12 semester hours. If the traditional schedule of courses is fewer than 12 semester hours, additional non-traditional courses may be allowed with the permission of the assistant dean of the College of Business and Economics.

### **Undergraduate Non-Traditional**

Students in the non-traditional undergraduate program who wish to register for more than two courses in any five- or eight-week term, or more than 18 semester hours in one semester must receive approval from the CBE Undergraduate Advising department. Students must obtain and submit an Overload Request form 30 days prior to taking the overload credit to the CBE Undergraduate Advising Department. The advisor will:

- Verify that students have a 3.000 grade point average or higher.
- Ensure that students have no incomplete grades pending.
- Contact students regarding approval or denial of the request.

No further overloads are approved if students receive any incomplete grades and/or fall below a 3.000 grade point average.

### **Graduate**

Students are considered to be enrolled full time if they are registered for six semester hours in one semester. Students who want to register for more than six semester hours in any semester should consult with their academic advisor.

## GRADING

For information on grade reports, incomplete grades, change of recorded grade, and repeat for higher grade, students should refer to the University General Information section of this *Catalog*.

### **Grade of Incomplete**

If a grade of Incomplete is approved by the instructor for a CBE graduate course, the incomplete grade assigned is "I/F". The length of time for completion is determined by the instructor but may not exceed the end of the following term/semester. If the work is not completed by the deadline, the Incomplete will revert to a grade of "F".

### **Grade of "In Progress"**

"In Progress" grades are given to students in graduate capstone project courses, graduate thesis courses or practicum/internship courses where it may be appropriate for a student to take longer than the eight weeks or semester (if a semester-based course) provided for completion. If the course instructor agrees that the student should be given additional time, an "In Progress" grade can be granted for a period of up to one year (12 months) to complete the capstone project course or practicum/internship. The grade to be recorded in the student's record is IP/F or IP/NP depending on whether the approved grade in a letter grade or Pass/No Pass. If the student does not satisfactorily complete the course within the one year period, the grade reverts to the "F" or "NP" grade.

"In Progress" grades will only be given in the capstone/thesis courses or practicum/internship courses. "In Progress" is not appropriate for other courses where there is a definitive end date. In those cases if the student is unable to complete the course work for an approved reason and the instructor approves, the appropriate grade is Incomplete/F (I/F) and the student has no more than the eight weeks or equivalent term to complete the work.

### **Grade Reports**

All grades are reported at the end of each academic period, at which time they become official and are entered on the students' permanent record. Grade reports are no longer mailed to students; however, grades may be accessed online through the WebAdvisor link at [www.regis.edu](http://www.regis.edu).

Additionally, students may request an official grade report online through WebAdvisor. The official grade report is mailed to the student's permanent address. Grades cannot be given over the phone or e-mailed to the student.

### **Appeals of Disputed Grades - Traditional**

Grade appeals for College of Business and Economics students who are enrolled in a traditional course must be initiated within the first month of the semester following receipt of the grade. The following procedure is to be followed if a student wishes to protest a grade he or she received in a course:

1. The student raises the matter with the instructor in question. If the grade remains in dispute, the student should follow step 2.
2. At the student's request, the department chair arranges for a committee of three faculty members to review the case. The student and the teacher may each appoint one of these three. The third is to be chosen by the other two. The committee reviews evidence in any manner the committee deems equitable. (Typically, a written statement from each party that the other party can review and respond to in writing is the first step.) Oral presentations to the committee are sometimes also useful. Care should be taken lest either of the parties be intimidated through oral procedure. The committee recommends a solution.
3. The committee's decision is final, unless one of two circumstances occur: new and relevant information is made available that the committee did not see, or the process was not followed. The dissatisfied party appeals to the College of Business and Economics Assistant Dean. The Assistant Dean reviews the proceedings up to this point, obtains any new information deemed appropriate, and makes the final determination. Further appeals are not permitted.

### Appeals of Disputed Grades – Non-traditional

Students who wish to dispute a grade earned in a course should use the following procedures:

- 1) The student contacts the instructor of the course to request a review of the issue.
- 2) If the dispute is not resolved with the instructor, the student submits a written request for review of the grade to the department chair for the course. The written request must be initiated within 60 days after the last official day of the term in which the course in question was taken. The request must provide rationale indicating why the grade earned is not appropriate, and all relevant documentation must be included (course syllabus, copies of exams, quizzes, papers, presentation materials, etc.) The request must include the student's name, address, e-mail address, course number, instructor name and the term in which the course was completed.
- 3) The department chair reviews all documentation submitted. If needed, the degree chair contacts the student and the instructor to arrange a personal interview. The faculty lead approves or disapproves the appeal. If the department chair approves the appeal, a Change of Grade form is completed and submitted to the Office of Academic Records and Registration. The department chair informs the student and the instructor in writing of the decision regarding the appeal.
- 4) If the grade dispute is not satisfactorily resolved, the student may appeal the decision to the Assistant Dean of the College of Business and Economics. This written appeal must be submitted within two calendar weeks of receipt of the decision in step 3 above.

The Assistant Dean will review the proceedings and any additional information provided by the student. The decision of the Assistant Dean is final.

### DEAN'S LIST

#### Traditional Students

For fall and spring semesters, a Dean's List is created for the College of Business and Economics traditional undergraduate students. A degree-seeking student who carries a semester load of 15 or more graded semester hours and who earns a minimum semester grade point average of 3.700 is placed on the Dean's List. Students who request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of 15 letter-graded semester hours. Students who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.

#### Non-Traditional Students

For fall, spring and summer semesters, a Dean's List is created for College of Business and Economics non-traditional undergraduate students. A degree-seeking student who carries a semester load of twelve or more graded semester hours and who earns a minimum semester grade point average of 3.800 is placed on the Dean's List. A student who is required during the semester to take a Pass/No Pass course--and who also carries nine or more graded hours with a 3.800 semester grade point average--is eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of twelve letter-graded semester hours. Student who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.

### ACADEMIC STANDING AND PENALTIES

#### Good Standing

A College of Business and Economics undergraduate student must maintain at least a 2.000 cumulative grade point average to be in good academic standing. The cumulative grade point average is computed by dividing the total number of grade points earned by the total number of credit hours attempted. A grade of less than "C-" in an upper division course in the major or minor area is not counted toward completion of major or minor requirements. A grade of less than "C-" in other courses indicates an academic deficiency; however, these courses apply toward graduation.

To sustain good academic standing at the graduate level, a cumulative grade point average of 3.000 for 600/6000-level course work is required. The cumulative grade point average is computed by dividing the total number of grade points earned in the 600/6000-level courses, by the total number of semester hours attempted in those courses. No more than two courses with grades of "C" can count toward graduation requirements. A grade lower than a "C" (e.g. "C-") is not counted toward degree requirements, but is included in the cumulative grade point average.

#### Probation

The College of Business and Economics undergraduate student whose cumulative grade point average falls below 2.000 at the end of any given semester is placed on academic probation. During the

next semester (fall, spring, summer for non-traditional students or fall and spring for traditional students) of enrollment, the University expects the student to raise his/her cumulative grade point average to a minimum of 2.000. If the cumulative grade point average remains below 2.000, the student may be academically suspended at the end of the probationary semester. The student must work closely with his/her advisor to determine the number of semester hours to be taken during the probationary semester to maximize the possibility of earning the required cumulative 2.000 grade point average by the end of the semester. Students are formally notified of their academic probation in a letter from the Dean. Academic probation is recorded on the student's permanent academic record (transcript).

Occasionally, a student's Regis University cumulative grade point average is so low that the student finds it mathematically impossible to attain a 2.000 cumulative grade point average during only one semester. In this case, the student may enter into an agreement with an advisor of the College of Business and Economics to earn a provisional grade point average for the semester. The agreed-upon grade point average is set within a range that is a fair and reasonable expectation for the student. If the provisional semester grade point average is earned for the semester, but the student's cumulative grade point average is still below 2.000, the student may be permitted to continue on probation rather than be suspended.

Undergraduate students accepted on probation by the College of Business and Economics may be suspended at the completion of their first semester of course work if they have not achieved a 2.000 cumulative grade point average.

Graduate students whose cumulative grade point average falls below 3.000 for 600/6000-level course(s) at the end of any given semester are placed on academic probation. After one semester on probation, a student's performance will be reviewed by the appropriate department chair and Assistant Dean. Students who are not successful in raising their grade point average to 3.000 will be considered for suspension by the department chair and Assistant Dean. Students on probation are permitted to take only one course per term and are not permitted to have an Incomplete grade while on Probation. In addition, graduate students who receive a grade of "C" or less in two courses are subject to academic review. Students are formally notified of their academic probation in a letter from the College Dean.

## Suspension

If a College of Business and Economics student has been placed on academic probation and does not achieve a 2.000 (undergraduate) or 3.000 (graduate) cumulative grade point average at the end of the next semester of enrollment, he/she is suspended. Academic suspension is recorded on the student's permanent academic record (transcript). Students are formally notified of their suspension from Regis University in a letter from the Dean.

Students who are notified of academic suspension for the previous semester and who are currently in attendance in a Regis University class may complete that class. Any additional registrations will be dropped.

After one calendar year, the student may apply for readmission by fulfilling the following written requirements:

1. Submit a letter requesting readmission and an explanation of the previous academic difficulties and how the problem(s) have been addressed.
2. Submit a written contract, signed by the student and the appropriate Assistant Dean, which states how the student will meet the required minimum grade point average or an agreed-upon provisional grade point average within a defined period.
3. An official transcript showing at least 12 semester hours of acceptable academic course work completed at a regionally accredited college or university (undergraduate students only).

## Dismissal

Academic dismissal is action taken by Regis University by which the student is rendered ineligible to return to Regis University for any program of study. For this action to be taken, a student must have been suspended, applied for and been readmitted to Regis University on academic probation, and failed to achieve either the required minimum grade point average or an agreed-upon provisional grade point average. The provisional grade point average is pre-determined by the student and the assistant dean. Academic dismissal is recorded on the permanent academic record (transcript).

## Suspension/Dismissal Appeal Procedure

Students who wish to appeal their suspension/dismissal must complete the following requirements within 30 days (or sooner if indicated in the letter) of the date on the letter of notification for Suspension/Dismissal.

1. Write a letter or send an email to the Dean, College of Business and Economics explaining:
  - a. Why the student should not be suspended from the program or dismissed from the University.
  - b. What prevented the student from successful progress toward completion of academic goals.
  - c. That the student is committed to and ready to proceed with serious academic study.
  - d. Why the student failed to achieve the required grade point average. Were there, for example, any extenuating circumstances beyond the student's control.
  - e. The names of the student's advisor or faculty members from whom supporting statements may be solicited by the student (undergraduate students only).
2. Contact the advisor, faculty member, doctors, etc. to discuss the case. Any supporting statements from them must be received by the same deadline.

The Dean is interested in any pertinent information which has genuine bearing on the matter. The focus is on why the suspension/dismissal action should be reversed and why the student failed to reach his/her academic goals.

Decisions on Suspension/Dismissal appeals by the College Dean are final; no further appeals are accepted.



## UNDERGRADUATE DEGREE REQUIREMENTS

### CBE Core Studies Requirements 45-49 SH

#### Oral and Written Communication 9 SH

(English, Communication)

\*RCC 200--Writing Analytically (freshman students) or  
EN 203--Intermediate Composition (transfer students)

\*COM 250--Speaking to Make a Difference

\*RCC 420J--Justice and the Common Good

#### Engagement with Literature and Arts 6 SH

(English, humanities, fine and performing arts)

\*EN 250--Literature Matters

\*Any fine arts core course (FAC)

\*\*HU 366--Leading Lives that Matter

#### Language and Global Awareness 6 -8 SH

(modern languages, classical languages, archeology, history,  
political science, geography, and social science)

\*RCC 410E--Global Environmental Awareness

#### Understanding Human Behavior, Diversity, and Culture 6 SH

(anthropology, education, history, political science, psychology,  
criminology, peace and justice studies, sociology, social work, or  
women's/gender studies)

\*RCC 400D--Diversity and Cultural Tradition

#### Quantitative Literacy 3-4 SH

MT 270--Introduction to Statistics

#### The Natural World 3-4 SH

(astronomy, atmospheric science, biology, biochemistry,  
chemistry, ecology, environmental science, geology,  
oceanography, physical geography, or physics)

\*A natural science with corresponding laboratory.

#### Philosophical Inquiry and Reflection 6 SH

(philosophy, ethics)

\*PL 270--Philosophical Explorations

\*RCC 430M--The Search for Meaning

#### Exploring Religious Traditions 6 SH

(religious studies, Theology)

\*RT 201--Religion and the Human Quest

\*Students enrolled in traditional, semester-based daytime  
programs are required to complete these courses to fulfill core  
requirements

\*\*Students enrolled in 5 or 8 week accelerated format are  
required to complete this course to fulfill core requirements.

### Major Requirements 42 SH

Students must complete a minimum of 42 semester hours in their  
chosen field of study. At least 18 semester hours must be at the  
upper division level.

Lower division courses are designed to offer students a discipline  
breadth in a particular subject area. These courses are usually  
taken at the freshman and sophomore levels (200 and 300 level).

Upper division courses are designed to offer students greater  
depth on a specific topic within the major field of study. These  
courses are usually completed at the junior and senior levels (400  
level).

Specific requirements for each major offered through the CBE  
Undergraduate Program are listed in this section of this *Catalog*.

### Minor Requirements (Optional) 12 SH

A minor field of study consists of 12 upper division (advanced)  
semester hours from an area of study outside the major discipline.  
At least six of these semester hours must be completed through  
Regis University courses. A split minor, 12 semester hours of  
400-level credit from two areas with six semester hours in each  
area, may also be earned in consultation with an academic advisor.

### General Electives

The remaining credits required to meet the 120 semester hour  
requirement for a bachelor's degree are known as general  
electives. This category may also be used to earn a second minor  
or a second major.

## UNDERGRADUATE MINOR AREAS

Minors are available for every approved major listed in the  
Undergraduate Degree Offering section of the College of Business  
and economics, the College of Computer & Information Sciences,  
the College of Contemporary Liberal Studies, and Regis College.  
In addition, CBE undergraduate students may complete a minor in  
Health Care Administration (HCA) through the Rueckert-  
Hartman College for Health Professions.

## BACCALAUREATE DEGREE REQUIREMENTS

In addition to the completion of the Core Studies academic  
requirements, the following are also required of each  
undergraduate degree candidate in the College of Business and  
Economics:

- The completion of 120 semester hours of academic work in  
which the candidate has earned a minimum cumulative Regis  
University grade point average of 2.000. Thirty-three  
semester hours of the total 120 hours must be at the upper  
division level.
- A minimum of 30 semester hours completed at Regis  
University. This does not include credits earned through  
Prior Learning Assessment (portfolio or credit by exam

- The completion of a major, consisting of a minimum of 42 semester hours of courses in one subject area. Of the 42 semester hours, a minimum of 18 semester hours must be at the upper division course level (400 level).
- The completion of a minor area is optional. The minor consists of 12 upper division (400 level) semester hours in a discipline outside the major that lends support to the development of the major and aids students in reaching their ultimate educational objective.
- No course in which the candidate received less than a grade of "C-" is acceptable credit for meeting upper division major or minor requirements in the College of Business and Economics. Students may transfer up to half of the upper division semester hours in the major and half in the minor.
- Some courses taken toward a major may also count toward the Core Studies requirements. A single course cannot, however, satisfy two Core Studies requirements.
- Upper division courses required to meet one major or minor cannot be counted toward a major or minor in another discipline except under the following conditions:
  - In the event the upper division requirements for a major exceed 18 semester hours, those excess hours may also be applied to another major or minor.
  - In the event that the upper division requirements for a minor exceed 12 upper division semester hours, those excess hours may also be applied to another major or minor.
- Courses that satisfy lower division prerequisites for more than one major or minor may be applied to more than one major or minor.
- Competence in oral and written communication skills is required. Students should be able to express themselves with clarity, precision and force, which comes only from a disciplined command of words, word usage and grammar.

## MASTER'S DEGREE REQUIREMENTS

Specific degree requirements for each graduate degree offered through CBE are listed in the program section of this *Catalog* under the Program of Study heading. For information regarding graduate degree requirements, students should refer to the General Information section of this *Catalog*.

## GRADUATE ACADEMIC CERTIFICATE REQUIREMENTS

An Academic Certificate requires that students meet the following requirements in addition to a minimum of 12 specified graduate semester hours:

Candidates must maintain a cumulative grade point average of 3.000 or better in graduate level courses throughout the Certificate Program.

A grade of "C" or higher is required for all certificate requirements. Grades lower than a "C" do not meet any requirement of the Certificate Program under any circumstance (i.e., a grade of "C-" is unacceptable). Some certificate programs may have more specific or more restrictive grade policies than

these stated policies. Specific policies on acceptable grades for certificates may be stated in the appropriate graduate degree/certificate section of this *Catalog*.

The Certificate Program must be successfully completed within four years (48 months) from the date of the student's acceptance into the Certificate Program.

Any course required to complete one certificate may not be used toward fulfillment of requirements for another certificate.

All semester hours required must be earned through Regis University. Graduate transfer credit is not accepted into the Graduate Certificate Program.

## UNDERGRADUATE

The various bachelor degrees offer the knowledge and skills enabling students to apply the analytical tools for critical thinking and effective decision-making in their chosen business area of interest.

### TRADITIONAL UNDERGRADUATE PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Full Time Tuition (12-18 semester hours)	\$17,630
Part Time (per credit hour)	\$1,102
Student Activity Fee Full Time (per semester)	\$175
Study Abroad Processing Fee	\$30
Study Abroad Confirmation Fee	\$300
Late Clearance Fee	\$300
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

### NON-TRADITIONAL UNDERGRADUATE PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Undergraduate (per semester hour)	\$490
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

## ACCOUNTING

### ACCOUNTING REGULATIONS

1. A student must have a grade point average of 3.000 or greater to enroll in an Independent Studies course or Special Studies course. Any deviation from the specified minimum grade point requirement needs approval by the division director upon recommendation of the student's advisor.
2. A student must have a grade point average of 2.500 or greater and be of junior or senior standing to enroll in AC 4980A/4980B--Internship in Accounting I or II. No more than one internship may be taken each semester. Any deviation from these requirements needs approval of the CBE Assistant Dean upon recommendation of the student's advisor.
3. Students who major or minor in Accounting may not use credit earned in Internship courses to fulfill major/minor requirements for the degree. However, all students are strongly encouraged to complete an internship or to obtain equivalent work experience before graduation.

### Bachelors of Science in Accounting 120 SH

Core Studies Requirements 45-49 SH

Lower Division Requirements 24-25 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

BA 2900--Introduction to Business 3 SH

BA 391 I--Business and Professional Communication 3 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3300--Principles of Microeconomics 3 SH

MT 270--Introduction to Statistics 3 SH

MT 330--Business Calculus 3 SH

or

MT 360--Calculus I 4 SH

Upper Division Requirements 36 SH

AC 4100--Intermediate Accounting I 3 SH

AC 4110--Intermediate Accounting II 3 SH

AC 4120--Intermediate Accounting III 3 SH

AC 4400--Cost Accounting 3 SH

AC 4500--Income Tax Accounting I 3 SH

AC 4800--Auditing Principles and Procedures 3 SH

AC 4910--Accounting Ethics 3 SH

AC 4985--Senior Capstone 3 SH

BA 4100--Business Finance 3 SH

BA 4981--Business Law I 3 SH

Six semester hours selected from the following:

AC 4310--Accounting Information Systems 3 SH

AC 4510--Income Tax Accounting II 3 SH

AC 4600--Governmental and Not-for-Profit Accounting 3 SH

AC 4750--Advanced Accounting 3 SH

AC 4850--Advanced Auditing 3 SH

Minor (optional) 0 or 12 SH

General Electives 0 - 15 SH

If a minor is completed: 0 - 3 SH

If a minor is not completed: 10 - 15 SH

Note: Students who plan to take the CPA exam; it is recommended that all five of the accounting electives be completed as well as BA 4982--Business Law II.

### Accounting Minor 18 SH

Lower Division Requirements 6 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

Upper Division Requirements 12 SH

Twelve upper division semester hours of Accounting courses, not including AC 4980A or AC 4980B--Internship in Accounting.

## ACCOUNTING/MBA AND ACCOUNTING/MSA TRACK

The Accounting/MBA Track and the Accounting/MSA Track constitutes a collaborative effort among the faculty of the College of Business and Economics. This program allows students to meet the minimum educational requirements set by most State Boards of Accountancy for those who wish to take the CPA Exam. Students who complete this program receive a Bachelor of Science in Accounting degree, and a Master of Business Administration (MBA) degree with an Accounting Specialization or a Bachelor of Science in Accounting and a Master of Science in Accounting (MSA).

### Admission

Students apply for admission when they achieve Junior standing in the University. Student's should refer to the CBE General Information section of this *catalog* for information regarding admissions to CBE graduate programs.

### Tuition and Fees

Tuition and fees for the Accounting/MBA Track and the Accounting/MSA Track are determined by the undergraduate and graduate programs in the College of Business and Economics.

### Accounting/MBA Major Requirements

In addition to the requirements for the undergraduate accounting major listed previously, students in the Accounting/MBA Track also complete the requirements for an MBA: Finance and Accounting Specialization found under MBA degree requirements in this section of the catalog.

**Accounting/MSA Major Requirements**

In addition to the requirements for the undergraduate accounting major listed previously, students in the Accounting/MSA Track also complete the requirements for an MSA found under MSA degree requirements in this section of the *Catalog*.

**BUSINESS ADMINISTRATION****BUSINESS REGULATIONS – TRADITIONAL STUDENTS**

1. A student must have a grade point average of 3.000 or greater to enroll in an Independent Studies course or Special Studies course. Any deviation from the above minimum grade point requirement needs approval of the division director upon recommendation of the student's advisor.
2. A student must have a grade point average of 2.500 or greater and be of junior or senior standing to enroll in BA 4980 A/B--Internship in Business. No more than one internship may be taken each semester. Any deviation from these requirements needs approval of the division director upon recommendation of the student's advisor.
3. Students who major or minor in Business Administration are strongly encouraged to complete an internship or to obtain equivalent work experience before graduation.

**Bachelors of Science in Business Administration****120 SH***Core Studies Requirements* 45-49 SH*Lower Division Requirements* 33 or 34 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

BA 2900--Introduction to Business 3 SH

BA 3911--Professional Business Communication 3 SH

BA 3366--Management Essentials 3 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3300--Principles of Microeconomics 3 SH

BA 3400--Marketing Principles 3 SH

MT 270--Introduction to Statistics 3 SH

MT 330--Business Calculus 3 SH

or  
MT 360A--Calculus I 4 SH

Three semester hours selected from the following:

CIS 300--Introduction to Information Systems 3 SH

CIS 382--Introduction to Information Systems 3 SH

CIS 480--Managing Technology for Business Strategies 3 SH

*Upper Division Requirements* 27 SH

BA 4100--Business Finance 3 SH

BA 4354--Organizational Behavior 3 SH

BA 4981--Business Law I 3 SH

BA 4950--Ethical Decision Making in Business 3 SH

BA 4985--Business Policy and Strategy  
or

BA 4986--Capstone: Applied Project 3 SH

BA 4658--Project Management  
or

BA 4465--Value Chain Management 3 SH

A minimum of nine upper division semester hours selected from one of the following specializations:

**Finance**

BA 4106--Advanced Corporate Finance 3 SH

BA 4115--Personal Financial Management 3 SH

BA 4120--Financial Analysis, Forecasting, and Planning 3 SH

BA 4124--Sources of Capital, Capital Markets 3 SH

BA 4140--Fundamentals of Investments 3 SH

BA 4149--Business Cycles 3 SH

BA 4158--Money and Banking 3 SH

BA 4163--International Finance 3 SH

BA 4982--Business Law II 3 SH

**General Business**

Nine upper division semester hours of Business Administration courses selected in consultation with an advisor.

**Human Resource Management**BA 4226--Managing Cultural Diversity  
or

BA 4314--Diversity in the Workplace 3 SH

BA 4240--Labor Relations 3 SH

BA 4252--Management of Human Resources 3 SH

BA 4267--Compensation Policy and Employment Law 3 SH

BA 4980H--Internship in Human Resources 3 SH

**International Business**

BA 4163--International Finance 3 SH

BA 4177--International Economics 3 SH

BA 4226--Managing Cultural Diversity  
or

BA 4314--Diversity in the Workplace 3 SH

BA 4368--International Business 3 SH

BA 4369--International Management 3 SH

BA 4428--International Marketing 3 SH

**Management**BA 4226--Managing Cultural Diversity  
or

BA 4314--Diversity in the Workplace 3 SH

BA 4327--Introduction to Entrepreneurship	3 SH
BA 4331--Entrepreneurship Stories	3 SH
BA 4369--International Management	3 SH
BA 4382--Values-Centered Management	3 SH
BA 4658--Project Management	3 SH
BA 4982--Business Law II	3 SH
COM 407--Leadership Principles	3 SH

**Marketing**

BA 4410--Influencing Buyer Behavior	3 SH
BA 4412--Marketing Communications	3 SH
BA 4423--Market Research	3 SH
BA 4428--International Marketing	3 SH
BA 4434--Sales	3 SH
BA 4443--Digital Marketing, Media Tactics, and Tools	3 SH
BA 4465--Value Chain Management	3 SH
BA 4483--Values-Centered Marketing	3 SH
BA 4980A/B--Internship in Business	3 SH

**Project Management**

COM 408--Conflict Management	3 SH
BA 4657--Process Mapping and Improvement	3 SH
BA 4658--Project Management	3 SH
CIS 448-- Project Management	3 SH

**Double**

Students are permitted to earn a double specialization by completing the upper division Business major courses and a minimum of nine upper division semester hours in two of the six Business specializations (a minimum of 18 semester hours).

<i>Minor (optional)</i>	<i>0 or 12 SH</i>
<i>General Electives</i>	<i>0 - 15 SH</i>
If a minor is completed:	0 - 3 SH
If a minor is not completed:	10 - 15 SH

**Business Administration Minor 15-18 SH**

An area of specialization selected from the following:

<b>Marketing</b>	<b>18 SH</b>
BA 2900--Introduction to Business	3 SH
BA 3400--Marketing Principles	3 SH
Upper division marketing electives	12 SH
<b>Finance</b>	<b>21 SH</b>
AC 3200--Principles of Accounting I	3 SH
AC 3210--Principles of Accounting II	3 SH

BA 2900--Introduction to Business	3 SH
BA 4100--Business Finance	3 SH
Upper division finance electives	9 SH

**Management 18 SH**

BA 2900--Introduction to Business	3 SH
BA 3366--Management Essentials	3 SH
Upper division management electives	12 SH

**International Business 15 SH**

BA 2900--Introduction to Business	3 SH
Three semester hours selected from the following:	
BA 4100--Business Finance	3 SH
BA 4981--Business Law I	3 SH
BA 4950--Ethical Decision Making in Business	3 SH
Upper division international business electives	9 SH

**General Business 15 SH**

BA 2900--Introduction to Business	3 SH
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Twelve semester hours selected from upper division Business Administration courses in consultation with the major advisor.

NOTE: BA 4980A/B cannot be used to fulfill minor requirements.

**ECONOMICS****ECONOMICS REGULATIONS – TRADITIONAL STUDENTS**

1. A student must have a grade point average of 3.000 or greater to enroll in an Independent Studies course or Special Studies course. Any deviation from the above minimum grade point requirement needs approval by the division director upon recommendation of the student's advisor.
2. A student must have a grade point average of 2.500 or greater and be of Junior or Senior standing to enroll in EC 4980 A/B--Internship in Economics. No more than one internship may be taken each semester. Any deviation from these requirements needs approval of the CBE Assistant Dean upon recommendation of the student's advisor.
3. Students who major or minor in Economics may not use credit earned in Internship courses to fulfill major/minor requirements for the degree. However, all students are strongly encouraged to complete an Internship or to obtain equivalent work experience before graduation.

**Bachelor of Science in Economics 120 SH**

<i>Core Studies Requirements</i>	<i>45-49 SH</i>
<i>Lower Division Requirements</i>	<i>25 SH</i>
AC 3200--Principles of Accounting I	3 SH
AC 3210--Principles of Accounting II	3 SH
EC 3200--Principles of Macroeconomics	3 SH

EC 3300--Principles of Microeconomics	3 SH
BA 2900--Introduction to Business	3 SH
MT 270/MT 270C--Introduction to Statistics	3 SH
MT 360A--Calculus I	4 SH

Three semester hours selected from the following:

CIS 300--Introduction to Information Systems	3 SH
CIS 382--Introduction to Information Systems	3 SH
CIS 480--Managing Technology for Business Strategies	3 SH

*Upper Division Requirements* 24 SH

Twenty-four upper division semester hours of Economics courses, which must include:

EC 4100--Microeconomic Theory	3 SH
EC 4110--Macroeconomic Theory	3 SH
EC 4120--Econometrics	3 SH
Upper Division Economics Electives	15 SH

*Minor (optional)* 0 - 12 SH

*General Electives* 10 - 26 SH

If a minor is completed: 10 - 14 SH

If a minor is not completed: 22 - 26 SH

### **Economics Minor 18 SH**

*Lower Division Requirements* 6 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3330--Principles of Microeconomics 3 SH

*Upper Division Requirements* 12 SH

Twelve upper division semester hours of Economics courses which must include:

EC 4110--Macroeconomic Theory 3 SH

Upper Division Economic Electives 9 SH

## **FINANCE**

A degree in finance prepares students for positions with banks, investment companies, government agencies, consulting firms, insurance firms, and large and small corporations. First careers may range from credit analysis and security analysis to product profitability. A degree in finance also prepares students to work with diverse management groups, marketing professionals, accountants, and others. Graduates of this program develop a comprehensive understanding of financial management and are qualified for a wide range of finance-related careers in small and large organizations.

### **Bachelor of Science in Finance 120 SH**

*Core Studies Requirements* 45-49 SH

*Lower Division Requirements* 30-31 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

BA 2900--Introduction to Business 3 SH

BA 3911--Business and Professional Communication 3 SH

BA 3366--Management Essentials 3 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3300--Principles of Microeconomics 3 SH

BA 3400--Marketing Principles 3 SH

MT 270/MT 270C--Introduction to Statistics 3 SH

MT 330--Business Calculus 3 SH

or

MT 360A--Calculus I 4 SH

*Upper Division Requirements* 33 SH

BA 4100--Business Finance 3 SH

BA 4106--Advanced Corporate Finance 3 SH

BA 4120--Financial Analysis, Forecasting, and Planning 3 SH

BA 4140--Fundamentals of Investments 3 SH

BA 4158--Money and Banking 3 SH

BA 4950--Ethical Decision Making in Business 3 SH

BA 4981--Business Law I 3 SH

BA 4985--Business Policy and Strategy

or

BA 4986--Capstone: Applied Project 3 SH

Nine semester hours selected from the following:

BA 4115--Personal Financial Management 3 SH

BA 4124--Sources of Capital, Capital Markets 3 SH

BA 4163--International Finance 3 SH

BA 4173--Public Finance 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 0 - 12 SH

If a minor is completed: 0 SH

If a minor is not completed: 7 - 12 SH



## HUMAN RESOURCE MANAGEMENT

The Human Resource Management degree prepares students for positions in the area of employment and recruiting, training and development, compensation, benefits, labor and employee relations, health and safety, legal compliance, human resource records administration and strategic planning. Human Resource Managers give advice and counsel managers in all levels of the organization, assist in human resource strategic planning and in budgeting for human resource needs. The human resources professional plays a significant role in the strategic success of organizations through identification and selection of employees for specific roles, training and development of those employees, and in the development of competitive total reward programs to retain the best people for organizational effectiveness.

### Bachelor of Science in Human Resource Management

**120 SH**

*Core Studies Requirements* 45-49 SH

*Lower Division Requirements* 33-34 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

BA 2900--Introduction to Business 3 SH

BA 391 I--Business and Professional Communication 3 SH

BA 3366--Management Essentials 3 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3300--Principles of Microeconomics 3 SH

BA 3400--Marketing Principles 3 SH

MT 270--Introduction to Statistics 3 SH

MT 330--Business Calculus 3 SH

or  
MT 360A--Calculus I 4 SH

Three semester hours selected from the following:

CIS 300--Introduction to Information Systems 3 SH

CIS 382--Introduction to Information Systems 3 SH

CIS 480--Managing Technology for Business Strategies 3 SH

*Upper Division Requirements* 24 SH

BA 4100--Business Finance 3 SH

BA 4226--Managing Cultural Diversity  
or  
BA 4314--Diversity in the Workplace 3 SH

BA 4240--Labor Relations 3 SH

BA 4252--Management of Human Resources 3 SH

BA 4354--Organizational Behavior 3 SH

BA 4267--Compensation Policy and Employment Law 3 SH

BA 4950--Ethical Decision Making in Business 3 SH

BA 4985--Business Policy and Strategy  
or

BA 4986--Capstone: Applied Project 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 1 - 18 SH

If a minor is completed: 1 - 6 SH

If a minor is not completed: 13 -18 SH

## MARKETING

Marketing is more important than ever in our increasingly competitive world. The discipline involves determining customer needs, translating those needs into products and services and selling them in a highly competitive global marketplace. The Bachelor of Science in Marketing emphasizes a strategic managerial approach to integrated marketing and it examines major dimensions of the marketing environment including economic, social, cultural, political, legal and regulatory information.

### Bachelor of Science in Marketing

**120 SH**

*Core Studies Requirements* 45-49 SH

*Lower Division Requirements* 30-31 SH

AC 3200--Principles of Accounting I 3 SH

AC 3210--Principles of Accounting II 3 SH

BA 2900--Introduction to Business 3 SH

BA 391 I--Business and Professional communication 3 SH

BA 3366--Management Essentials 3 SH

EC 3200--Principles of Macroeconomics 3 SH

EC 3300--Principles of Microeconomics 3 SH

BA 3400--Marketing Principles 3 SH

MT 270--Introduction to Statistics 3 SH

MT 330--Business Calculus 3 SH

or  
MT 360A--Calculus I 3 SH

*Upper Division Requirements* 27 SH

BA 4100--Business Finance 3 SH

BA 4410-- Influencing Buyer Behavior 3 SH

BA 4412--Marketing Communications 3 SH

BA 4423--Market Research 3 SH

BA 4434--Sales 3 SH

BA 4658--Project Management  
or

BA 4465--Value Chain Management 3 SH

BA 4950--Ethical Decision Making in Business 3 SH

BA 4981--Business Law I 3 SH

BA 4985--Business Policy and Strategy or BA 4986--Capstone: Applied Project	3 SH
Six semester hours selected from the following:	
BA 4428--International Marketing	3 SH
BA 4443--Digital Marketing, Media Tactics, and Tools	3 SH
BA 4454--NeuroMarketing and Buyer Behavior	3 SH
BA 4483--Values-Centered Marketing	3 SH
BA 4488--Marketing Social Change in Uganda	3 SH
Minor (Optional)	0 or 12 SH
General Electives	1 - 18 SH
If a minor is completed:	1-6 SH
If a minor is not completed:	13-18 SH

## PROJECT MANAGEMENT

<b>Project Management Certificate Requirements</b>	<b>12 SH</b>
COM 408--Conflict Management	3 SH
BA 4657--Process Mapping and Improvement	3 SH
BA 4658--Project Management	3 SH
CIS 448-- Project Management	3 SH
<b>Project Management Minor Requirements</b>	<b>12 SH</b>
COM 408--Conflict Management	3 SH
BA 4657--Process Mapping and Improvement	3 SH
BA 4658--Project Management	3 SH
CIS 448-- Project Management	3 SH

## COMBINED BACHELOR OF SCIENCE AND MASTER DEGREES IN THE COLLEGE OF BUSINESS AND ECONOMICS

The combined Bachelor of Science (BS) and Master degree program (CBM) in the College of Business and Economics admits CBE undergraduate students to the designated Master's program during the junior year of their Bachelor of Science program to work towards both the BS and an MS, MBA or MNM degree. Student's should refer to the CBE General Information section of this *catalog* for information regarding admission to CBE graduate programs.

The combined degree allows two graduate courses to be taken as part of the BS degree, early planning of the MS/MBA/MNM portion of the program, and more flexible and efficient course scheduling. Students must work with their undergraduate and graduate advisor to determine the appropriate course work for the combined degree program.

## GRADUATE

### MASTER OF BUSINESS ADMINISTRATION

The Regis Professional MBA is an intensive, accelerated and integrated learning experience that prepares professionals to lead in a changing, global marketplace. The program is designed to build management and leadership skills that allow individuals who aspire to make a difference within and across an organization based on a strategic, integrated perspective of rigorous business practices. Students will apply leadership techniques, strategic management philosophies and tools to problem solving in a variety of industries and settings. The program prepares students to be lifelong learners through the understanding and application of marketing, finance, and strategy to drive decisions, considering the global components of a situation, and incorporating ethical perspectives/implications and Jesuit Principles into all project activities.

The Master of Business Administration program offers specializations in the following:

- Accounting
- Finance
- Health Industry Leadership
- Marketing
- Strategic Management

### MASTER OF BUSINESS ADMINISTRATION PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$950
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

### COURSE SEQUENCING

Students are expected to satisfy all program foundation course requirements prior to taking 600-level courses. All other course sequencing is indicated via prerequisites listed in course descriptions.

All students are required to complete the Academic Integrity Tutorial during their first class in the MBA program. Students will be unable to register for further classes until the tutorial is completed.

### INDEPENDENT AND SPECIAL STUDIES

Independent and Special Studies courses are available through consultation with Master of Business Administration faculty and with the approval of the Master of Business Administration degree chair. Independent and Special Studies courses are described in the General Information section of this *Catalog* under the "Independent, Special and Extended Studies" heading.

## PROGRAM FOUNDATION COURSES

Foundation courses prepare students to acquire the informational background necessary to pursue advanced (600 level) courses. These courses or their equivalent are required for students admitted to the program. Students may be provisionally admitted until these requirements have been fulfilled.

- Financial Accounting (AC 3200) 3 SH
- Managerial Accounting (AC 3210) 3 SH
- Business Finance (BA 4100) 3 SH
- Statistics (MT 270) 3 SH
- Marketing Principles (BA 3400) 3 SH

Some or all of the courses may be waived for students with sufficient educational background in the respective business areas covered. Students who are petitioning to waive MBA foundation courses must submit documentation showing successful mastery of the course content.

Information regarding procedures for earning credit by examination for graduate fundamentals courses is available from the University Testing Center.

## DUAL SPECIALIZATION

Candidates are permitted and encouraged to complete the Master of Business Administration with dual specializations. Candidates must complete the MBA Core courses and all the specialization requirements for each specialization. Specialization elective courses must include a minimum of nine elective hours unique to each specialization.

## SECOND SPECIALIZATION

A Regis University Master of Business Administration graduate who wishes to return for a second Master of Business Administration specialization must complete another application and the required courses for the new specialization including a minimum of nine semester hours of electives unique to the new specialization. A second degree option is not available in the Master of Business Administration program. A certificate for the specialization earned is awarded upon completion of the requirements.

## DEGREE REQUIREMENTS

Master of Business Administration candidates must complete a minimum of 36 semester hours of graduate courses (600 level), 30 of which must be taken with the Regis University Master of Business Administration degree program.

### PROFESSIONAL MBA 36 SH

- CBE 6240-- Entrepreneurial Innovation 3 SH
- EC 6000--Managerial Economics 3 SH
- FIN 6000--Accounting and Finance for Managers 3 SH
- HR 6350--Strategic Human Resource Management 3 SH
- LDR 6620--Foundations of Organizational Behavior 3 SH

- MGT 6010--Ethical and Legal Environment of Business 3 SH
- MGT 6020--Issue in International Business 3 SH
- MGT 6110--Strategy Formulation 3 SH
- MGT 6130--Logistics Management 3 SH
- MKT 6020--Market Opportunity Assessment 3 SH

### Electives 6 SH

Six semester hours of any 6000-level courses selected from the MBA program. If optional specialization is completed twelve semester hours of electives must be completed from the specialization area.

### Optional Specialization Electives 6 SH

Optional specialization may be completed in an area listed below. If optional specialization is completed, a total of 42 credits are required to complete the MBA program.

### Accounting Specialization 12 SH

Twelve semester hours selected from the following:

- AC 6020--Interpreting Accounting Information 3 SH
- AC 6030--Financial Reporting Policy and Practice 3 SH
- AC 6040--Financial Communication 3 SH
- AC 6050--Advanced Auditing 3 SH
- AC 6070--Accounting for Non-Profit and Government Organizations 3 SH
- AC 6080--International Accounting 3 SH
- AC 6090--Case Studies in Management Accounting 3 SH
- AC 6100--Controllershship 3 SH
- AC 6110--Tax Influence on Business Decision-Making 3 SH
- AC 6140--IT Auditing 3 SH
- AC 6150--Income Tax Research 3 SH
- AC 6170--Accounting Information Systems 3 SH
- AC 6190--Forensic and Fraud Audit 3 SH
- AC 6210--Financial Applications of XBRL and Interactive Data 3 SH
- AC 6220--Advanced Accounting 3 SH

### Finance Specialization 12 SH

Twelve semester hours selected from the following:

- FIN 6020--Financial Decision Making 3 SH
- FIN 6030--Investments and Portfolio Management 3 SH
- FIN 6040--Financial Institutions Management 3 SH
- FIN 6050--International Financial Management 3 SH
- FIN 6120--Business Valuation 3 SH
- FIN 6130--Mergers and Acquisitions Finance 3 SH
- FIN 6140--Capital Markets and Financing Strategy 3 SH

FIN 6150--Financial Risk Management 3 SH

**Health Industry Leadership Specialization 12 SH**

Twelve semester hours selected from the following:

HCE 600--Organizational Ethics and Health Care Compliance 3 SH

HSA 601--Leadership and Organization Development In Health Care Settings 3 SH

HSA 602--Strategic Planning and Development in Health Services 3 SH

HSA 620--Marketing and Public Relations in Health Care Settings 3 SH

HSA 624--Assessment of Quality Care and Patient Safety 3 SH

HSA 630--Medical Practice Management 3 SH

HSA 652--Human Resources in Health Care Settings 3 SH

HSA 663--Advanced Concepts of Health Care Finance 3 SH

**Marketing Specialization 12 SH**

Twelve semester hours selected from the following:

MKT 6190--Digital Marketing and Promotion 3 SH

MKT 6220--Marketing Mix Decisions 3 SH

MKT 6230--Customer Relationships: Development and Management 3 SH

MKT 6240--Marketing Strategy 3 SH

MKT 6300--Product Management 3 SH

**Strategic Management Specialization 12 SH**

Required Courses:

MGT 6120--Strategy Implementation and Management 3 SH

MGT 6150--Managing Change 3 SH

Six semester hours from the Following:

CBE 6020--Leading in a New Era 3 SH

CBE 6030--Business Intelligence and Analytics 3 SH

LDR 6710--Strategic Leadership 3 SH

MGT 6880E-W--Seminar in Strategic Management 3 SH

## MASTER OF NONPROFIT MANAGEMENT

The Master of Nonprofit Management degree at Regis University is specifically designed to assist nonprofit professionals become leaders within the ever changing and dynamic nonprofit sector.

The Master of Nonprofit Management degree offers an academically rigorous, conceptually-based, and applications oriented course of study for individuals interested in enhancing their leadership and management capabilities within the nonprofit sector. The Master of Nonprofit Management degree prepares its graduates to be effective leaders who exhibit professional

competency in integrating theory, experiences, and social justice in an effort to promote the advancement of the sector.

Both students and faculty in the program are experienced professionals representing the wide spectrum of nonprofit organizations. Courses include the full range of skills needed to serve the sector more effectively.

An essential part of the Regis University mission is to work toward the service of humanity and the Master of Nonprofit Management degree strives to achieve this through the 36 semester hours that are required to earn the degree.

The Program culminates in one of two capstone courses: MNM 6970--Professional Project or MNM 6770--Service Oriented Field Experience (SOFE). MNM 6970 involves the creation, development, and evaluation of a product or program and is presented in a thesis-like format. MNM 6770 is a field experience which involves an intense learning experience at an off-campus domestic or international location and provides service to the nonprofit community in the venue.

The Master of Nonprofit Management degree program is designed to be completed in 24 months, taking one course at a time. All courses are three semester hour courses. The entire degree is available online and in the classroom.

## MASTER OF NONPROFIT MANAGEMENT PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$695
Application Fee (nonrefundable)	\$50
Graduation Fee	\$50

The tuition, fees and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

## COURSE SEQUENCING

The following courses must be completed prior to taking any other MNM 6000 level courses:

CBE 6010--Critical Reading and Writing for Graduate Students

MNM 6010--History, Theory and Future of the Nonprofit Sector

All other courses, excluding the capstone experience, may be taken in any order.

Students have the option to take one of the following courses as the capstone experience. The capstone should be taken as one of the last courses within the student's program of study. MNM 6770--Service Oriented Field Experience requires successful completion of 30 semester hours in the Master of Nonprofit Management program or the permission of the advisor.

MNM 6970--Professional Project requires a successful completion of 30 semester hours in the Master of Nonprofit Management program.

### CRITERIA FOR SUBSTITUTING CLASSES

Consistent with adult learning theory, the MNM program encourages students who already have been working in the nonprofit sector for many years to consider options for substituting core classes with other electives that are offered in the program. The student is authorized to substitute classes will still be required to complete 36 semester hours of graduate courses. The following is the criteria for students that request a substitution of classes:

Professional or volunteer experience on the job or life-long learning in a particular area of expertise such as program evaluation or finances.

In order to make a formal request for substitution, students submit a one- to two-page letter with a clear rationale as to why a particular class should be substituted. Use the outcomes for the class as a template for describing prior experience. The rationale with appropriate documentation is then e-mailed directly to the degree chair who will give the final authorization or denial of substitution.

### DEGREE REQUIREMENTS

The Master of Nonprofit Management degree requires the successful completion of a total of 36 semester hours of graduate courses (600 level). The degree is designed to be completed in 24 months, taking one course each eight-week academic period.

<i>Total Degree Requirements</i>	<i>36 SH</i>
CBE 6010--Critical Reading and Writing for Graduate Students	3 SH
CBE 6020--Leading in a New Era or MNM 6550--Leading from Within	3 SH
CBE 6030--Business Intelligence and Analytics or MNM 6510--Inquiry and Analysis In NPO/NGOs	3 SH
MNM 6010--History, Theory and the Future of the Nonprofit Sector	3 SH
MNM 6030--Conflict Resolution for Leaders	3 SH
MNM 6100--Legal and Ethical Issues for Nonprofits	3 SH
MNM 6240--Grant Writing	3 SH
MNM 6440--Financial Management of Nonprofit Organizations	3 SH
MNM 6470--Program Development and Accountability	3 SH
MNM 6480--Governance and Organizational Leadership	3 SH
MNM 6700--Financial Resource Development	3 SH
MNM 6770--Service Oriented Field Experience or MNM 6970--Professional Project	3 SH

### CERTIFICATES IN NONPROFIT MANAGEMENT

The Certificate Program is also a conceptually based and applications-oriented course of study for individuals who seek new career opportunities or who are interested in developing or improving their skills in nonprofit organization management and leadership.

#### Nonprofit Organizational Capacity Building 12 SH

Twelve semester hours selected from the following courses:

CBE 6030--Business Intelligence and Analytics	3 SH
MNM 6100--Legal and Ethical Issues for Nonprofits	3 SH
MNM 6330--Human Resource Leadership in NPO's	3 SH
MNM 6440--Financial Management-of Nonprofit Organizations	3 SH
MNM 6470--Program Development and Accountability	3 SH
MNM 6480--Governance and Organizational Leadership	3 SH
MNM 6700--Financial Resource Development	3 SH

#### Post-Master's Certificate in Nonprofit Executive Leadership 12 SH

The graduate level certificate in Nonprofit Executive Leadership is designed for individuals already in professional careers in business and/or government and are seeking to move into the nonprofit/third sector. This certificate builds upon the already-earned MBA/MPA degree and the knowledge and skills already gained and provides critically important foundational knowledge and skills for the successful transition from the business/governmental sectors to positions of executive leadership in the nonprofit/third sector.

MNM 6010--History, Theory and the Future of the Nonprofit Sector	3 SH
Nine semester hours selected from the following:	
MNM 6100--Legal and Ethical Issues for Nonprofits	3 SH
MNM 6470--Program Development and Accountability	3 SH
MNM 6480--Governance and Organizational Leadership	3 SH
MNM 6700--Financial Resource Development	3 SH

### MASTER OF SCIENCE IN ACCOUNTING

The Regis University Master of Science in Accounting was developed to allow those interested in accounting to broaden and deepen their accounting skills. Many students in the program are seasoned professionals who want to both broaden and deepen their knowledge and skills in accounting. Others have recently completed their undergraduate studies, who seek to train for professional careers that require an advanced accounting degree. In addition, the classes may help the student meet the "150 Hour Requirement" for the CPA Exam and/or the requirements for the CMA designation.



The mission of the Master of Science in Accounting program is to educate students for leadership roles in their profession and their organization. The focus of this 30-credit hour program is hands-on experience, ethics, and advanced accounting skills, all while furthering the Regis mission of “developing the whole person” and preparing “leaders in the service of others” as the MSA students are trained to become leaders in their profession and the larger community.

The Regis University Master of Science in Accounting program supports academic rigor through defined course outcomes in classes facilitated by appropriately qualified practitioners in their fields. The program provides a values centered education while seeking to inculcate students in lifelong learning in the Jesuit and Catholic traditions.

The Master of Science in Accounting program includes 30 semester hours of 6000-level graduate courses and is offered in both the classroom and online formats. Though most sections are offered in the eight-week format, a limited number of courses are taught in the 16-week traditional format. In all cases, the student must show proficiency in the major foundations of business and accounting.

## MASTER OF SCIENCE IN ACCOUNTING PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## COURSE SEQUENCING

Students are expected to satisfy all program prerequisite requirements prior to taking 6000-level courses. All other course sequencing is indicated via prerequisites listed in course descriptions.

Regis undergraduate accounting students are allowed to take up to nine hours of 6000-level classes during their senior year, up to six hours of which may count for both undergraduate and graduate degree requirements.

## INDEPENDENT AND SPECIAL STUDIES

Independent and Special Studies courses are available through consultation with the Master of Science in Accounting advisor and with the approval of the Master of Science in Accounting degree chair. Independent and Special Studies courses are described in the General Information section of this *Catalog* under the “Independent, Special and Extended Studies” heading.

## PROGRAM FOUNDATION COURSES

Eighteen semester hours of program foundation courses permit non-business managers the opportunity to acquire the informational background necessary to pursue advanced (600-level) courses. These courses are required for students admitted to the degree seeking or certificate program who have previously completed course work in the specific areas. Program foundation courses may be taken on a Pass/No Pass basis. Master of Science in Accounting students are required to earn a passing grade in all program foundation courses.

- Financial and Managerial Accounting (AC 3200 and AC 3210)
- Business or Corporate Finance (BA 4100)
- Auditing Principles and Procedures (AC 4800)
- Intermediate Accounting I (AC 4100)
- Intermediate Accounting II (AC 4110)

Some or all of the foundation courses may be waived for students with sufficient educational background in the respective business areas covered. Student who petition to waive prerequisite courses must submit documentation showing successful mastery of the course content through CLEP or Dantes exams.

## DEGREE REQUIREMENTS

Master of Science in Accounting candidates must complete a minimum of 30 semester hours of graduate courses (6000-level), 24 of which must be taken at Regis University.

<i>Total Degree Requirements</i>	<i>30 SH</i>
AC 6020--Interpreting Accounting Information	3 SH
AC 6040--Financial Communication	3 SH
AC 6910--Accounting Ethics or AC 6230--Issues in Accounting Ethics	3 SH
<i>Electives</i>	<i>18 SH</i>
Eighteen semester hours selected from the following:	
AC 6030--Financial Reporting Policy and Practice	3 SH
AC 6050--Advanced Auditing	3 SH
AC 6070--Accounting for Non-Profit and Government Organizations	3 SH
AC 6080--International Accounting	3 SH
AC 6090--Case Studies in Management Accounting	3 SH
AC 6100--Controllorship	3 SH
AC 6110--Tax Influence on Business Decision-Making	3 SH
AC 6140--IT Auditing	3 SH
AC 6150--Income Tax Research	3 SH
AC 6170--Accounting Information Systems	3 SH
AC 6190--Forensic and Fraud Audit	3 SH



AC 6210--Financial Applications XBRL and Interactive Data	3 SH
AC 6220--Advanced Accounting	3 SH
AC 6980A/B--Master of Science in Accounting Internship	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH
<i>Capstone</i>	3 SH
AC 6290--Business Planning and Strategy	3 SH
<i>Optional Specialization Electives</i>	12 SH

Optional specialization may be completed in an area listed below. Optional specialization will fulfill 12 of the 18 required elective credits.

**Financial Accounting Specialization** **12 SH**

Twelve semester hours selected from the following:

AC 6030--Financial Reporting	3 SH
AC 6070--Accounting for Nonprofit and Government Organizations	3 SH
AC 6080--International Accounting	3 SH
AC 6100--Controllership	3 SH
AC 6110---Tax Influence in Business Decision-Making	3 SH
AC 6170--Accounting Information Systems	3 SH
AC 6220--Advanced Accounting	3 SH

**Fraud/Forensic Auditing Specialization** **12 SH**

AC 6050--Advanced Auditing	3 SH
AC 6140--IT Auditing	3 SH
AC 6190--Forensic and Fraud Audit	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH

**Managerial Accounting Specialization** **12 SH**

AC 6030--Financial Reporting Policy and Practice	3 SH
AC 6090--Case Studies in Management Accounting	3 SH
AC 6100--Controllership	3 SH
AC 6170--Accounting Information Systems	3 SH

**IT Accounting Specialization** **12 SH**

AC 6140--IT Auditing	3 SH
AC 6170--Accounting Information Systems	3 SH
AC 6210--Financial Applications XBRL and Interactive Data	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH

## MASTER OF SCIENCE IN HUMAN RESOURCE MANAGEMENT

The Master of Science in Human Resource Management is an intensive, accelerated, non-traditional, integrated learning experience that provides preparation for strategic human resource leadership in a rapidly changing, global marketplace. The Master of Science in Human Resource Management program is designed for individuals who wish to cultivate their leadership skills and make a profound difference or institutional change within an organization through the strategic management of human resource strategies and functions. The program focuses on the qualitative issues of human resource management, enabling students to become lifelong learners through the understanding of the following: application of Human Resource metrics and analytics, problem solving, critical thinking, systems thinking, management, decision making within a framework of ethical conduct, legal and regulatory guidelines, performance metrics, socially responsible leadership in a global environment, and communication with stakeholders.

## PROGRAM OUTCOMES

The Master of Science in Human Resource Management Program challenges students to take responsibility for their personal learning experiences. Upon successful completion of the program learners will have the knowledge and ability to:

- Deploy appropriate HR metrics and analytics in to order to make strategic HR decisions
- Propose systemic and sustainable solutions to complex business problems using critical thinking applied through human resources conceptual and theoretical frameworks.
- Exhibit the ability to make reasoned and ethical decisions based on professional standards and practices for ethical conduct, legal requirements, and regulatory guidelines.
- Evaluate human resources performance, conduct research, and recommend changes to HR practices.
- Practice socially responsible leadership in a changing global environment
- Communicate effectively and succinctly with all organizational stakeholders

## MASTER OF SCIENCE IN HUMAN RESOURCE MANAGEMENT PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## COURSE SEQUENCING

CBE 6010--Critical Reading and Writing for Graduate Students should, if possible, be taken as the first course.

The following courses should be among the first five courses taken in the program:

CBE 6010--Critical Reading and Writing for Graduate Students

CBE 6020--Leading in a New Era

CBE 6030--Business Intelligence and Analytics

All other courses may be taken in any order. When students have successfully completed 27 semester hours of the required course work in the Master of Science in Organization Leadership program, they are permitted to register for LDR 6820--Leading Responsible Organizations, the capstone course.

## DEGREE REQUIREMENTS

Master of Science in Human Resource Management candidates must complete a minimum of 30 semester hours of graduate courses (600-level), 24 of which must be taken at Regis University.

<i>Total Degree Requirements</i>	<i>30 SH</i>
CBE 6010--Critical Reading and Writing for Graduate Students	3 SH
CBE 6020--Leading in a New Era	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH
HR 6350--Strategic Human Resource Management	3 SH
HR 6360--Employment Law and Compliance	3 SH
HR 6370--Strategies in Compensation and Benefits	3 SH
HR 6380--Attracting and Retaining Workforce Talent	3 SH
HR 6390--Employee Relations and Performance Management	3 SH
LDR 6210--Leading Change and Innovation	3 SH
LDR 6820--Capstone - Leading Responsible Organizations	3 SH

## MASTER OF SCIENCE IN MARKETING

The Master of Science in Marketing is an intensive, integrated learning experience that provides preparation for effective leadership in a rapidly changing, global marketplace. The Marketing program is designed for entry level and mid-level marketing professionals with a desire to deepen knowledge and skills in strategy and tactics while providing broad marketing knowledge and skills utilizing state of the art tools and techniques. The program focuses on data gathering and analysis, opportunity and competitive analysis, application of ethical standards in marketing practices, service to customers, product/service development, critical thinking, and communication to stakeholders.

The MS in Marketing degree is designed for entry level and mid-level professionals with an interest in exploring leadership from a strategic and tactical perspective while offering an opportunity to cultivate the leadership skills to think critically, create vision based on ethical values, take risks, and institute change within an organization. The curriculum is a blend of contemporary marketing practices that focus on identifying and serving market needs, communicating, and facilitating change in a global environment.

## PROGRAM OUTCOMES

The Master of Science in Marketing Program challenges students to take responsibility for their personal learning experiences. Upon successful completion of the program learners will have the knowledge and ability to:

- Research and analyze industry and market data to define strategic market opportunity for organizations.
- Evaluate ethical considerations and make recommendations when conducting marketing initiatives for an organization.
- Analyze and recommend marketing solutions for industries, organizations and specific products and services through the use of case studies and client projects.
- Apply marketing concepts to customer acquisition, competition, product development, product distribution, promotion, and price strategies.
- Utilize measurement and control methods to achieve marketing goals for an organization.

## MASTER OF SCIENCE IN MARKETING PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## COURSE SEQUENCING

CBE 6010--Critical Reading and Writing for Graduate Students should, if possible, be taken as the first course.

The following courses should be among the first five courses taken in the program:

CBE 6010--Critical Reading and Writing for Graduate Students

CBE 6020--Leading in a New Era

CBE 6030--Business Intelligence and Analytics

All other courses may be taken in any order. When students have successfully completed 27 semester hours of the required course work in the Master of Science in Organization Leadership program, they are permitted to register for LDR 6820--Leading Responsible Organizations, the capstone course.

## DEGREE REQUIREMENTS

Master of Science in Marketing candidates must complete a minimum of 30 semester hours of graduate courses (6000-level), 24 of which must be taken at Regis University.

<i>Total Degree Requirements</i>	<i>30 SH</i>
CBE 6010--Critical Reading and Writing for Graduate Students	3 SH
CBE 6020--Leading in a New Era	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH
MKT 6020--Marketing Opportunity	3 SH
MKT 6040--International Marketing	3 SH
MKT 6190--Digital Marketing and Promotion	3 SH
MKT 6220--Marketing Mix Decisions	3 SH
MKT 6230--Customer Relationships: Development and Management	3 SH
MKT 6240--Market Strategy	3 SH
MKT 6300--Product Management	3 SH

## MASTER OF SCIENCE IN ORGANIZATIONAL LEADERSHIP

The Master of Science in Organization Leadership is an intensive, accelerated, non-traditional, integrated learning experience that provides preparation for effective leadership in a rapidly changing, global marketplace. The Master of Science in Organization Leadership program is designed for individuals who wish to cultivate their leadership skills and make a profound difference or institutional change within an organization.

The program focuses on the qualitative issues of leadership, enabling students to become lifelong learners through the understanding of the following:

- effective communication
- managing teams
- research skills
- project management
- applied leadership
- human relations
- conflict resolution
- problem solving
- critical thinking
- a specific discipline
- systems thinking
- management
- decision making
- organizational innovation and change
- strategic planning
- financial analysis

## PROGRAM OUTCOMES

The Master of Science in Organization Leadership Program challenges students to take responsibility for their personal learning experiences. Upon successful completion of the program learners will have the knowledge and ability to:

- Confidently lead in the contemporary workplace.
- Strategically manage systemic change.
- Maximize human potential to achieve individual, team and organizational goals.
- Communicate succinctly and effectively across all levels.
- Practice socially responsible leadership in a changing global environment.
- Appreciate the value of lifelong learning and critical thinking.

## MASTER OF SCIENCE IN ORGANIZATIONAL LEADERSHIP PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

## COURSE SEQUENCING

CBE 6010--Critical Reading and Writing for Graduate Students should, if possible, be taken as the first course.

The following courses should be among the first five courses taken in the program:

CBE 6010--Critical Reading and Writing for Graduate Students

CBE 6020--Leading in a New Era

CBE 6030--Business Intelligence and Analytics

All other courses may be taken in any order. When students have successfully completed 27 semester hours of the required course work in the Master of Science in Organization Leadership program, they are permitted to register for LDR 6820--Leading Responsible Organizations, the capstone course.

## DEGREE REQUIREMENTS

The Master of Science in Organization Leadership degree requires successful completion of a total of 30 semester hours of graduate course work (6000-level). The degree can be completed in 20 months, taking one course each academic period.

Students must meet the following degree requirements:

Successful completion of required 600-level courses.

- LDR 6820--Leading Responsible Organizations, the capstone course is the last course taken, a grade of "B" or better is required for LDR 6820.
- A cumulative grade point average of 3.000 or better in graduate-level Master of Science in Organization Leadership courses at Regis University;
- The ability to show practical application of leadership and change concepts through the successful completion of the capstone course.

<i>Total Degree Requirements</i>	<i>30 SH</i>
CBE 6010--Critical Reading and Writing for Graduate Students	3 SH
CBE 6020--Leading in a New Era	3 SH
CBE 6030--Business Intelligence and Decision Sciences	3 SH
HR 6350--Strategic Human Resource Management	3 SH
LDR 621--Leading Change and Innovation	3 SH
LDR 6620--Foundations of Organizational Behavior	3 SH
LDR 6630--Organizational Culture and Design	3 SH
LDR 6710--Strategic Leadership	3 SH
PM 6510--Delivering Organization Excellence or PM 6570--Leading Projects in Contemporary Organizations	3 SH
LDR 6820--Capstone -Leading Responsible Organizations	3 SH

## MASTER OF SCIENCE IN PROJECT LEADERSHIP AND MANAGEMENT

The Master of Science in Project Leadership and Management is an intensive, accelerated, non-traditional, integrated learning experience that provides preparation for strategic project management leadership in a rapidly changing, global marketplace. The Project Leadership and Management program is designed for individuals who wish to cultivate their leadership skills and make a profound difference or institutional change within an organization through the leadership and management of projects by applying leadership techniques, strategic management philosophies, and project management tools to projects in a variety of industries and settings.

The program equips students to be lifelong learners through the understanding of the following: application of PM methodologies, communication with project stakeholders, integration of projects with organizational goals (strategic alignment), solve problems using critical thinking, manage risks, utilize business intelligence to drive decisions, consider the global components of a project, and incorporate ethical perspectives/implications and Jesuit Principles into all project activities.

## PROGRAM OUTCOMES

This degree is aligned with external professional standards from the Project Management Institute. By the successful completion of this degree program, students will have gained the following outcomes:

- Demonstrate knowledge of current PM thinking and methodologies of the PM discipline
- Demonstrate the ability to communicate effectively and efficiently with project stakeholders
- Select and integrate organizational projects with organizational strategic goals
- Using critical thinking techniques, develop and analyze risk management tools and techniques for effective risk mitigation
- Demonstrate the ability to use business intelligence data/information to drive project decisions
- Implement and understand the global components of the project life-cycle and methodology
- Incorporate ethical perspectives/implications and Jesuit Principles into all project activities and decisions.

## MASTER OF SCIENCE IN PROJECT LEADERSHIP AND MANAGEMENT PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## COURSE SEQUENCING

CBE 6010--Critical Reading and Writing for Graduate Students should, if possible, be taken as the first course.

The following courses should be among the first five courses taken in the program:

CBE 6010--Critical Reading and Writing for Graduate Students

CBE 6020--Leading in a New Era

CBE 6030--Business Intelligence and Analytics

All other courses may be taken in any order. When students have successfully completed 27 semester hours of the required course work in the Master of Science in Organization Leadership program, they are permitted to register for LDR 6820--Leading Responsible Organizations, the capstone course.

## DEGREE REQUIREMENTS

Master of Science in Project Management and Leadership candidates must complete a minimum of 30 semester hours of graduate courses (6000-level), 24 of which must be taken at Regis University.

<i>Total Degree Requirements</i>	30 SH
CBE 6010--Critical Reading and Writing for Graduate Students	3 SH
CBE 6020--Leading in a New Era	3 SH
CBE 6030--Business Intelligence	3 SH
LDR 6210--Leading Change and Innovation	3 SH
PM 6510--Delivering Organization Excellence	3 SH
PM 6560--Strategic & Business Management-Project Managers	3 SH
PM 6570--Leading Projects in Contemporary Organizations	3 SH
PM 6580--Management of Project Performance	3 SH
PM 6590--Project Monitoring and Delivery	3 SH
LDR 6820--Capstone - Leading Responsible Organizations	3 SH

## CBE GRADUATE ACADEMIC CERTIFICATES

A candidate for one of the academic certificate programs must apply and be accepted into the College of Business and Economics

Regis Graduate Academic Certificates are designed for adults who wish to seek new career opportunities, enhance their work-related knowledge and skills, and to advance themselves educationally. The Graduate Academic Certificate represents a selection of college courses from the College of Business and Economics that are offered for academic credit. These courses could eventually be included in a Regis graduate student's degree plan or stand alone as courses beyond the degree requirements.

Certificate recipients may include 1) individuals who already hold an undergraduate or graduate degree in one area and want college graduate certification in another area (e.g., Project Management), but are not interested in completing a second bachelor's or master's degree; and 2) individuals who hold an undergraduate degree, but are not sure initially if they want to enroll in a degree seeking program.

Specific parameters for the Graduate Academic Certificates include: a minimum of 12 semester hours of credit.

The courses offered within a given certificate will represent a coherent body of knowledge chosen in consultation with representatives of appropriate academic disciplines.

The Certificate Program identifies the description of the courses required for completion and the recommended sequencing of those courses.

## CBE GRADUATE CERTIFICATE PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$850
Application Fee (non-refundable)	\$50

### Executive Leadership 15 SH

The Executive Leadership Certificate is designed for students who choose to build a philosophy and skills for becoming effective leaders. It focuses on contemporary leadership theories, ethical leadership, and future leadership roles.

CBE 602--Leading in a New Era	3 SH
CBE 6030--Business Intelligence and Analytics	3 SH
HR 6350--Strategic Human Resource Management	3 SH
LDR 6210--Leading Change and Innovation	3 SH
LDR 6710--Strategic Leadership	3 SH

### Executive Project Management 15 SH

The Executive Project Management Certificate is designed to meet the needs of students who require project management, leadership, and people management skills. This Certificate is designed for adults who wish to enhance their work-related knowledge and skills and to advance themselves educationally.

PM 6510--Delivering Organization Excellence	3 SH
PM 6560--Strategic/Business Management-Project Leaders	3 SH
PM 6570--Leading Projects in Contemporary Organizations	3 SH
PM 6580--Management of Project Performance	3 SH
PM 6590--Project Monitoring and Delivery	3 SH

### Strategic Business Management 15 SH

The Strategic Business Management Certificate is designed for students to develop skills in strategic management with a focus on developing leadership skills in managing project teams, process improvement plans, and achieving customer satisfaction.

CBE 6020--Leading in a New Era	3 SH
LDR 6210--Leading Change and Innovation	3 SH
LDR 6620--Foundations of Organizational Behavior	3 SH
LDR 6710--Strategic Leadership	3 SH
PM 6570--Leading Projects in Contemporary Organizations	3 SH



**Strategic Human Resource Integration 18 SH**

The Strategic Human Resource Integration Certificate is designed for students to examine strategies for transforming organizational culture, architecture and leadership, and to review the impact of the human resource functions on the total organization.

CBE 6020--Leading in a New Era	3 SH
HR 6350--Strategic Human Resource Management	3 SH
HR 6360--Employment Law and Compliance	3 SH
HR 6370--Strategies in Compensation and Benefits	3 SH
HR 6380--Attracting and Retaining Workforce Talent	3 SH
HR 6390--Employee Relations and Performance Management	3 SH

## COLLEGE OF BUSINESS AND ECONOMICS COURSE DESCRIPTIONS

### UNDERGRADUATE

#### ACCOUNTING (AC)

AC 3200. PRINCIPLES OF ACCOUNTING I (3). Introduces basic accounting principles and procedures for sole proprietorship, partnerships, and corporations.

AC 3210. PRINCIPLES OF ACCOUNTING II (3). A continuation of AC 3200. Prerequisite(s): AC 3200.

AC 3300. ACCOUNTING FOR MANAGERS (3). Introduces basic terminology and concepts embodied in accounting that are utilized by business organizations to facilitate sound decision making. The primary focus of this course is aimed at non accounting students who are interested in better understanding how managers assess overall economic performance of their companies when applying accounting tools and techniques that help measure that performance. NOTE: Non-majors only. This course may not be substituted for AC 3200 and AC 3210, although students may elect to take AC 3200 and AC 3210 in place of AC 3300.

AC 4100. INTERMEDIATE ACCOUNTING I (3). Provides an in-depth study of financial accounting including theory and problems. Discusses recent developments in accounting valuation and reporting practices promulgated by the leading accounting organizations. Emphasizes assets, liabilities, shareholders equity, income determination, preparation, and analysis of financial statements. Prerequisite(s): AC 3210.

AC 4110. INTERMEDIATE ACCOUNTING II (3). Provides an in-depth study of financial accounting topics, including theory and problems. Prerequisite(s): AC 4100.

AC 4120. INTERMEDIATE ACCOUNTING III (3). A continuation of AC 4100 and 4110, going beyond preparation and analysis of financial statements. Focuses on accounting for pensions,

accounting for leases, statement of cash flows, full disclosure of accounting transactions and reporting accounting information in light of changing price levels (inflation, deflation, replacement cost, fluctuating dollar, etc.) Prerequisite(s): AC 4110.

AC 4310. ACCOUNTING INFORMATION SYSTEMS (3).

Examines information systems and their role in business processes. Focuses on the use of technology and technology related tools and their value within accounting and the organization.

AC 4400. COST ACCOUNTING (3). Provides an in-depth study of cost and management accounting procedures and techniques. Emphasize current topics from CPA examinations. Prerequisite(s): AC 3210.

AC 4500. INCOME TAX ACCOUNTING I (3). Studies income tax laws and regulations as they pertain to individuals, partnerships, corporations, estates and trusts. Prerequisite(s): AC 3210.

AC 4510. INCOME TAX ACCOUNTING II (3). A continuation of AC 4500. Prerequisite(s): AC 4500.

AC 4600. GOVERNMENTAL AND NOT-FOR-PROFIT ACCOUNTING (3). Accounting principles and procedures as applied to governmental and nonprofit organizations, including hospitals, colleges and universities, and health and welfare organizations. Prerequisite(s): AC 3210.

AC 4700. ACCOUNTING THEORY (3). Examines the conceptual, institutional and policy elements of accounting and major components of generally accepted accounting principles, conventions and practices. Integrates accounting theory, institutional dimensions of accounting, and their relationships with the financial reporting environment. Prerequisite(s): AC 4110.

AC 4750. ADVANCED ACCOUNTING (3). Accounting principles and procedures as applied to special areas including partnerships, corporate liquidations, estates and trusts, foreign currency accounting, segment accounting, installment sales and consignments and home office and branch operations. Prerequisite(s): AC 4120.

AC 4800. AUDITING PRINCIPLES AND PROCEDURES (3). Studies auditing principles and objectives in relationship to auditing standards and procedures. Prerequisite(s): Senior standing and completion of eighteen (18) semester hours of accounting.

AC 4850. ADVANCED AUDITING (3). Examines cases of failed audits to assess audit risk; identify relevant assertions, inherent risks, and control risks; formulate audit objectives; and evaluate appropriateness of audit evidence. Examines earnings management incentives and devices; and threats to auditor's independence. Prerequisite(s): For undergraduates – AC 4800 and BA 4100.

AC 4900E-W. INDEPENDENT STUDY IN ACCOUNTING (1-6). Offers opportunity for independent study in special topics of interest not covered in regularly offered courses under the direction of a faculty member. Prerequisite(s): Junior standing and approval of division director.

AC 4910. ACCOUNTING ETHICS (3). Examines the ethical responsibilities of accountants in the business environment, both individually and within an organization. Focuses on various



frameworks for ethical decision making, accounting codes of conduct, accountants' responsibilities for ethical behavior, and the current state of the accounting profession based on past and current ethical dilemmas faced by the profession. Prerequisite(s): AC 4120, AC 4400 and AC 4800.

AC 4985. SENIOR CAPSTONE (3). Provides the culminating experience of the major, focusing on integration and application of theory through research. Must be completed as graded course work at Regis University. Prerequisite(s): AC 4800 and AC 4120. NOTE: Majors only and Senior standing. Successful completion of eighteen (18) upper division Accounting semester hours required.

AC 4980A. INTERNSHIP IN ACCOUNTING I (3). Offers opportunity for faculty-directed field experience. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: See Division of Business Regulations.

AC 4980B. INTERNSHIP IN ACCOUNTING II (3). Offers opportunity for faculty-directed field experience. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: See Division of Business Regulations.

## **BUSINESS ADMINISTRATION (BA)**

BA 2900. INTRODUCTION TO BUSINESS (3). Explores the contemporary business environment by introducing fundamental business concepts and models. Provides a solid foundation for future business courses in the functional areas of business and emphasizes how these functional areas interact to encourage profitable, sustainable and socially-responsible business practices.

BA 2906. BUSINESS SOFTWARE APPLICATIONS (3). Introduces software typically used in business or professional environments. Emphasizes the application of software tools to business needs. Cross listing: CIS 206.

BA 3100. FINANCE FOR NON-FINANCIAL MANAGERS (3). Examines uses of financial information for planning, budgeting, managing, and evaluating financial performance from a non-financial manager's perspective. Includes ratio analysis, working capital and cash flow management, break-even analysis, and basic capital budgeting concepts. Prerequisite(s): AC 3300.

BA 3366. MANAGEMENT ESSENTIALS (3). Examines managerial principles, theory, practices, and problems applicable to a variety of modern organizations through a study of the fundamental functions of management. Specific trends, techniques, principles, and skills for life-long learning, critical thinking, ethics and awareness of organizational and social issues are explored.

BA 3400. MARKETING PRINCIPLES (3). Focuses on ethically applying Marketing Mix tactics for a well-defined target market, using sound situational analysis and clear definition of objectives, goals and strategies for goods and services in domestic and global markets. Prerequisite(s): BA 2900, MT 270, and MT 330 or MT 360A.

BA 3906. BUSINESS SYSTEMS IN A SUSTAINABLE SOCIETY (3). Applies individual skills in a systems approach to business, probes individual and organizational functional dependencies, and responsibility to internal and external stakeholders in the context of social responsibility, sustainable growth, and the Jesuit world view questioning "How ought we to live?"

BA 3911. BUSINESS AND PROFESSIONAL COMMUNICATION (3). Introduction to basic skills, principles and contexts of communication in business and professional settings. Focuses on organization, adaptation and delivery of presentations for many types of business and professional settings. Prerequisite(s): COM 380 or permission of instructor.

BA 3981. LEGAL ENVIRONMENT OF BUSINESS (3). Introduces the origins and structure of the American legal system. Explores the contemporary legal environments of business focusing on forms of business, regulatory agencies, agency relationships, environmental law, and selected employment law and international business topics. Surveys the fundamentals of tort law, with specific emphasis on negligence and product liability.

BA 4100. BUSINESS FINANCE (3). Introduces major topics in managerial finance essential for understanding how financial managers acquire and manage a firm's assets and how they finance these assets through debt and equity sources. Prerequisite(s): BA 2900, AC 3200, AC 3210 and MT 330 or MT 360A and junior standing.

BA 4106. ADVANCED CORPORATE FINANCE (3). Comprehensive study of how corporations make investment decisions, raise capital to finance their investments and manage their financial affairs to create shareholder value. Topics include capital budgeting and the cost of capital, dividend policy, capital structure and financial distress. Emphasizes developing analytical tools and problem solving. Prerequisite: BA 4100.

BA 4115. PERSONAL FINANCIAL MANAGEMENT (3). Examines the field of personal financial management and planning. Includes setting financial goals and planning for education, retirement, estates and insurance, and the tax effects of different financial choices. Explores the role of the professional financial planner in helping individuals to make financial decisions. Prerequisite(s): BA 2900 and junior standing.

BA 4120. FINANCIAL ANALYSIS, FORECASTING, AND PLANNING (3). Financial statements provide information for managers, investors, and creditors. Introduces the skills necessary to understand and analyze financial statements and apply these skills in order to determine the value of a firm and its underlying securities. Prerequisite(s): BA 4100 and Junior standing.

BA 4124. SOURCES OF CAPITAL/CAPITAL MARKETS (3). Reviews cost of capital with an emphasis on risk analysis and management. Examines sources of capital, including money markets and capital markets, lease financing, venture capital, and foreign markets. Prerequisite(s): BA 4106.

BA 4140. FUNDAMENTALS OF INVESTMENTS (3). Studies the relationship between risk and return in the management of investment portfolios, including the analysis of stocks, bonds and other securities. Prerequisite(s): BA 4100, AC 3200 and AC 3200. Cross listing: EC 4140.

BA 4144. ECONOMICS OF POVERTY AND INEQUALITY (3). Examines poverty, inequality, and discrimination in an economic context and explores the effectiveness of government policies designed to address associated inequalities. Consideration is given to the wealth gap, wage disparities, and capital access both within countries and between countries. Prerequisite(s): EC 3200 and EC 3300 or permission of instructor. Cross listing: EC 4144, PJ 444 and WGS 444.

**BA 4149. BUSINESS CYCLES (3).** Examines theoretical explanations of economics growth in advanced industrial economic systems and the causes of cyclical deviations from the growth trend. Prerequisite(s): EC 3200 and EC 3300. Cross listing: EC 4149.

**BA 4158. MONEY AND BANKING (3).** Studies the nature and functions of money and credit, including an understanding of the variety and growth of banking functions and the influence on banks of Federal Reserve operations. Examines the relationships among money, interest rates, business investment needs, government borrowing, and the gross national product. Prerequisite(s): EC 3200, EC 3300 and BA 4100. Cross listing: EC 4158.

**BA 4163. INTERNATIONAL FINANCE (3).** Presents the economic issues of international finance, including the history in International Finance, fixed and flexible exchange rates, and international agencies that help stabilize international financial markets. Examines issues faced by financial managers of multinational firms. Prerequisite(s): EC 3200, EC 3300, BA 4100, MT 330 or MT 360A and junior standing. Cross listing: EC 4163.

**BA 4170. ECONOMIC DEVELOPMENT (3).** Studies various models/theories of economic development that traces a history of underdevelopment. Investigates the various barriers and problem areas in developing countries. Assesses possibilities, prospects, and policies for the future. Prerequisite(s): EC 3200. Cross listing: EC 4170, ENVS 470, and PJ 470.

**BA 4173. PUBLIC FINANCE (3).** Examines the basic principles of public finance. Considers why there may be a role for government in the economy, what that role might be, and how government might most efficiently fulfill the tasks assigned it. Topics include efficiency and equity aspects of taxation and redistributive programs, private and public solutions to problems of externalities and public goods, government provision of health care and social insurance programs, as well as budgeting and public debt. Prerequisite(s): EC 3200, EC 3300 and either BA 4100 or EC 4100. Cross listing: EC 4173.

**BA 4177. INTERNATIONAL ECONOMICS (3).** Examines the theoretical underpinnings of international economics. Emphasizes international trade theory, trade policy, exchange rate determination, factor movements, underdevelopment, balance of payments, national income, the international financial system and institutions and regional trading blocks. Prerequisite(s): EC 3200, EC 3300 and either EC 4100 or EC 4110. Cross listing: EC 4177.

**BA 4226. MANAGING CULTURAL DIVERSITY (3).** Provides an in-depth exploration of diversity influences in organization. Includes stereotypes and other blocks to equal treatment, and the impact of increasing diversity on organizational objectives and career expectations.

**BA 4240. LABOR RELATIONS (3).** Explores labor and management relations in the workplace: process of unionization, collective bargaining, contract administration and labor costing. Examines economics of labor markets: supply and demand, wage determination, impact of unemployment and public policy decisions. Prerequisite(s): EC 3200 and EC 3300. Cross listing: EC 4240.

**BA 4252. MANAGEMENT OF HUMAN RESOURCES (3).** Examines the nature and challenge of human resource management from mechanics to social responsibility, the organization of a work force and the development and management of human resources. Studies creating a favorable work environment, including management and labor/employee relations, compensation/benefits and safety/security for employees.

**BA 4267. COMPENSATION POLICY AND EMPLOYMENT LAW (3).** A comprehensive study of compensation systems and the significant employment laws impacting the workplace. Topics include employment legislation, job analysis/job design and evaluation, internal/external equity issues, pay grades, statutory and voluntary employee benefits and relevant motivation theories. Prerequisite(s): BA 4252.

**BA 4327. INTRODUCTION TO ENTREPRENEURSHIP (3).** Introduces entrepreneurship and the entrepreneurial process. Explores how the functional areas of business are applied to new ventures. Examines the role entrepreneurship plays in fulfilling their professional aspirations.

**BA 4314. DIVERSITY IN THE WORKFORCE (3).** Examines changing roles of African Americans, Latinos, Asian Americans, physically disabled, and elderly. Focuses on the internationalization of the workforce with respect to peace and justice. Provides an extended case application of theories of organizational behavior and change with an eye on globalization. Prerequisite(s): Junior standing. Cross listing: PJ 414.

**BA 4331. ENTREPRENEURSHIP STORIES (3).** Examines the stories of entrepreneurs and their approach to business. Begins with a review of the iconic captains of industry, such as Henry Ford and J.P. Morgan. Current corporate success stories and their prosperous managers will be examined. Explores the contributions made by small to mid-size businesses and lessons learned from business failures. NOTE: Junior standing required.

**BA 4354. ORGANIZATIONAL BEHAVIOR (3).** Emphasizes organizational environment and behavior concepts. Focuses on human resources and system ideas, motivating employees, job satisfaction, leadership, managing change, communication and group processes, employee counseling and interpersonal and group dynamics.

**BA 4365. STRATEGIC MANAGEMENT (3).** Explores the understanding of strategy formulation and implementation within the competitive environment. Emphasizes the integration of knowledge acquired in previous functional area courses. Prerequisite(s): BA 3366, BA 3400, and BA 4100. NOTE: Should be taken at the end of student's degree program.

**BA 4368. INTERNATIONAL BUSINESS (3).** Examines scopes and challenges of doing business and marketing goods and services to foreign markets. Addresses cultural, legal, political, geographic, management, organizational, and marketing practices. Reviews establishing markets, research, distribution channels, and export processes.

**BA 4369. INTERNATIONAL MANAGEMENT (3).** Studies the history and evolution of international business, the international environment, and the development, organization, and structure of the international organization. Includes cultural differences and business-governmental relations.

**BA 4380E-W. ISSUES IN MANAGEMENT (3).** Focuses on various aspects of management. Provides perspective on current issues and practices in both for-profit and not-for-profit organizations. Explores legal and ethical behavior, technology's impact on management and operations, changing cultures and organizational structure, demographic shifts, and international competitive forces.

**BA 4382. VALUES-CENTERED MANAGEMENT (3).** Examines the nature and meaning of work from a historical perspective and traces work traditions through industrial past. Focuses on current work environments, including issues of work/life balance, spirituality and global developments. Cross listing: CAS 460H.

**BA 4384. VALUES-FOCUSED PUBLIC POLICY (3).** Examines the policies and procedures utilized by government to improve economic performance. Explores the role that individual and community worldviews and commitments to justice have in defining appropriate state and federal regulatory action, with particular attention to the Catholic worldview and Catholic Social Thought. Areas of study include anti-trust, consumer protection, employment law, and environmental law. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4384, PJ 484, and CAS 460G.

**BA 4410. INFLUENCING BUYER BEHAVIOR (3).** Explores how individuals, groups, and organizations make purchasing decisions. Students identify opportunities for positive interaction in the buying process through customer analysis. Students examine social responsibility topics associated with buying and selling. Prerequisite(s): BA 2900 and BA 3400.

**BA 4412. MARKETING COMMUNICATIONS (3).** Covers integrated marketing communication (IMC) concepts and practices for internal and external audiences. Students develop a media plan (digital, direct and mass); address message development, promotions and advertising and PR. Examines media (including global media) effects on persuasion and legal, regulatory and ethical issues. Prerequisite(s): BA 3400.

**BA 4423. MARKET RESEARCH (3).** Familiarizes student with the basic objectives, techniques, and applications of market research used in a modern business environment. Develops proficiency in the research process, building upon and applying knowledge of statistics to modern market research problems. Prerequisite(s): BA 2900, BA 3400, MT 270.

**BA 4428. INTERNATIONAL MARKETING (3).** Examines the scope and challenge of marketing goods and services in foreign countries; and the cultural, legal, political, geographic, technological and economic influences on international marketing. Includes establishing markets, market research, distribution channels, export processes and marketing strategies. Prerequisite(s): BA 2900 and BA 3400.

**BA 4434. SALES (3).** Designed to prepare students to enter a sales force equipped with the knowledge and skills necessary to supports students' career interest in becoming successful sales professionals. Student learn the intricacies of sales strategies/techniques but also learn key sales skills, such as written, verbal, and non-verbal communication; presentation skills; emotional intelligence and relationship building. Students will practice negotiation and closing tactics, as well as after sale customer management. Prerequisite(s): BA 2900 and BA 3400.

**BA 4443. DIGITAL MARKETING, MEDIA TACTICS, AND TOOLS (3).** Explores the ever-changing, dynamic world of digital marketing, including topics such as website development, social media, marketing automation, mobile marketing, client relationship management databases, and search engine marketing. Takes a hands-on approach, so students will experience the process of engaging in their own digital marketing tactics and preparing a digital marketing plan. Prerequisite(s): BA 2900 and BA 3400.

**BA 4454. NEUROMARKETING AND BUYER BEHAVIOR (3).** Explores the human search for meaning from the perspective of neuromarketing, neuroeconomics, and consumer behavior. Drawing on the fields of biology, neuroscience, psychology, economics, and marketing.

**BA 4465. VALUE CHAIN MANAGEMENT (3).** Focuses on the chain of distribution from the supply of materials for product production, the innovation and product development process, the manufacturing of product, and the distribution chain from the manufacturer to the end consumer. Examines the development of integrated distribution systems as a means of adding value to the product, and for creating supply systems as a means of sustainable competitive advantage for an organization. Explores functions required of the supply chain, complications and issues facing the members of the supply chain, and creative alternatives to traditional supply chain management. Prerequisite(s): BA 2900, BA 3400 and MT 330 or MT 360A.

**BA 4483. VALUES-CENTERED MARKETING (3).** Provides an interdisciplinary framework for examining morals, values, and ethics in a marketing context. After critically evaluating philosophical, religious, and psychological perspectives on morality, students will analyze substantive marketing issues including, but not limited to, labor rights and sustainability, in light of the moral theories. Prerequisite(s): BA 2900 and BA 3400. Cross listing: CAS 460I.

**BA 4488. MARKETING FOR SOCIAL CHANGE IN UGANDA (3).** Experiential immersion course, exploring multiple disciplinary perspectives (e.g., business, economics, gender, history, geography, political science) on extreme poverty and economic development in Uganda. In the middle of the semester-long course, students will travel to Uganda. Cross-listing: ENV5 451, PJ 451W, WGS 485W. NOTE: Junior standing required. Travel to Uganda is required.

**BA 4657. PROCESS MAPPING AND IMPROVEMENT (3).** Identifies methods and tools used in the identification, examination and improvement of process within an organization. Focuses on the involvement of various elements of an organization to identify customer requirements, evaluate current processes against those requirements, and lead the effort to make changes to processes.

**BA 4658. PROJECT MANAGEMENT (3).** Identifies tools and processes of project management with emphasis on organizational structures and resources for successful management. Includes tools and techniques for project planning, staffing, and budgeting.

**BA 4900E-W. INDEPENDENT STUDY IN BUSINESS (3).** Enables students to pursue special topics of interest not covered in regularly offered courses. Developed under the direction of a faculty member.

**BA 4950. ETHICAL DECISION MAKING IN BUSINESS (3).**

Focuses on ethical problems in the business environment including whistle-blowing, employee rights, privacy, hiring, compensation, as well as corporate social responsibility and governance. Covers the fundamental philosophical theories that can be used to address these dilemmas. Individually, students investigate specific dilemmas inherent in their chosen profession and analyze how those problems could be resolved by value-driven ethical standards. Cross-listing(s): EC 4950.

**BA 4980 A. INTERNSHIP IN BUSINESS I (3).** Provides faculty-directed field experience. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: See College of Business and Economics Regulations.

**BA 4980 B. INTERNSHIP IN BUSINESS II (3).** Provides faculty-directed field experience. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: See College of Business and Economics Regulations.

**BA 4980 H. INTERNSHIP IN HUMAN RESOURCES (3).**

Develops skills and experience in the field of human resources management by developing and/or implementing an HR program/product under the supervision of an HR professional.

**BA 4981. BUSINESS LAW I (3).** Introduces the American legal system and provides essential background information on civil dispute resolution and the constitutional basis of law. Focus is on the fundamentals of contract law and the general provisions of the Uniform Commercial Code, Article 2.

**BA 4982. BUSINESS LAW II (3).** Studies law applicable to commercial paper, security devices, partnerships, corporations, real property, estates, and bankruptcy. Prerequisite(s): BA 4981.

**BA 4985. BUSINESS POLICY AND STRATEGY (3).** This capstone course for Business Administration majors, addresses the business firm in its totality as a functioning entity in its environment, both global and local. Analyzes actual policies and strategies of existing firms. Prerequisite(s): BA 3400, BA 4100, and Senior standing.

**BA 4986. CAPSTONE APPLIED PROJECT (3).** Culminating experience for the major, requiring students to utilize integrated program concepts and theories to investigate and address a complex business problem, need or opportunity. NOTE: Majors only. Senior class standing required.

**BA 4987. SENIOR CAPSTONE (3-6).** Provides culminating experience of the major, focusing on integrating theory with application and implementation of research to a complex business problem, need, or opportunity. Prerequisite(s): Senior standing.

**BUSINESS (CBE)**

**CBE 4900A. INTERNSHIP I (3).** Provides faculty-directed field experience. NOTE: Approval of Academic Advisor and Program Chair required.

**CBE 4900B. INTERNSHIP II (3).** Provides faculty-directed field experience. NOTE: Approval of Academic Advisor and Program Chair required.

**ECONOMICS (EC)**

**EC 3200. PRINCIPLES OF MACROECONOMICS (3).** Introduces macroeconomics, emphasizing the forces that determine the level of national product and national income, and the fiscal and monetary policies that are designed to influence their level. Explores the areas of public finance, money and the banking system, economic growth and international trade.

**EC 3300. PRINCIPLES OF MICROECONOMICS (3).** Analyzes economic models of consumer and producer decision-making, demand, supply, equilibrium in markets. Examines the causes of different market structures and their influence on market conduct and performance. Explores microeconomic issues related to market outcomes, such as market power, market failure, efficiency, equity, and international economic interdependence.

**EC 4100. MICROECONOMIC THEORY (3).** Analyzes consumer behavior and market demand. Includes production and cost functions and their relationship to market supply. Evaluates various types of market structures and their impact on the economic well-being of our society. Prerequisite(s): EC 3300 and MT 360A.

**EC 4103. GLOBAL POVERTY – CAN WE END IT? (3).** Approximately 3 billion of the world's population (about 1 out of every 2 people) currently live in abject poverty, subsisting on less than \$2 per day. Although vast amounts of money have been spent on trying to eliminate global poverty, most of these efforts have failed miserably. There is considerable disagreement among economists, sociologists, government leaders, and world aid organizations about why past efforts have failed and how to best move forward with new programs and policies that will improve the lives of the world's poor.

**EC 4108. CONSUMPTION, CONTENTMENT, AND CLIMATE CHANGE (3).** Explores the relationship between consumption, happiness, and climate change, probing the assumption that economic growth promotes happiness and considers alternatives to mainstream economics. Prerequisite(s): Junior class standing or completion of distributive core required.

**EC 4110. MACROECONOMIC THEORY (3).** Emphasizes the determination of national income. Studies economic growth and the effects of various monetary policies and fiscal policies on general economic activity. Prerequisite(s): EC 3200 and MT 360A or permission of instructor.

**EC 4120. ECONOMETRICS (3).** Studies the mathematical models used to analyze economic variables for purposes of testing economic theory, formulating policy, and making economic forecasts. The primary method covered is ordinary least squares regression analysis. Prerequisite(s): MT 270, EC 4100 and EC 4110.

**EC 4140. FUNDAMENTALS OF INVESTMENTS (3).** Studies the relationship between risk and return in the management of investment portfolios, including the analysis of stocks, bonds and other securities. Prerequisite(s): BA 4100, AC 3200 and AC 3210. Cross listing: BA 4140.

**EC 4144. ECONOMICS OF POVERTY AND INEQUALITY (3).** Examines poverty, inequality, and discrimination in an economic context and explores the effectiveness of government policies designed to address associated inequalities. Consideration is given to the wealth gap, wage disparities, and capital access both within

countries and between countries. Prerequisite(s): EC 3200 and EC 3300 or permission of instructor. Cross listing: BA 4144, PJ 444 and WGS 444.

EC 4149. BUSINESS CYCLES (3). Examines theoretical explanations of economic growth in advanced industrial economic systems and the causes of cyclical deviations from the growth trend. Prerequisite(s): EC 3200 and EC 3300. Cross listing: BA 4149.

EC 4158. MONEY AND BANKING (3). Studies the nature and functions of money and credit, including an understanding of the variety and growth of banking functions, and the influence on banks of Federal Reserve operations. Examines the relationships among money, interest rates, business investment needs, government borrowing, and the gross national product. Prerequisite(s): EC 3200, EC 3300 and either BA 4100 or EC 4100. Cross listing: BA 4158.

EC 4163. INTERNATIONAL FINANCE (3). Presents the economic issues of international finance, including the history in International Finance, fixed and flexible exchange rates, and international agencies that help stabilize international financial markets. Examines issues faced by financial managers of multinational firms. Prerequisite(s): EC 3200, EC 3300, BA 4100, MT 330 or MT 360A and junior standing; Cross listing: BA 4163.

EC 4170. ECONOMIC DEVELOPMENT (3). Studies various models/theories of economic development that traces a history of underdevelopment. Investigates the various barriers and problem areas in developing countries. Assesses possibilities, prospects, and policies for the future. Prerequisite(s): EC 3200. Cross listing: BA 4170, ENVS 470, and PJ 470.

EC 4173. PUBLIC FINANCE (3). Examines the basic principles of public finance. Considers why there may be a role for government in the economy, what that role might be, and how government might most efficiently fulfill the tasks assigned it. Topics include efficiency and equity aspects of taxation and redistributive programs, private and public solutions to problems of externalities and public goods, government provision of health care and social insurance programs, as well as budgeting and public debt. Prerequisite(s): EC 3200, EC 3300 and either BA 4100 or EC 4100. Cross listing: BA 4173.

EC 4177. INTERNATIONAL ECONOMICS (3). Examines the theoretical underpinnings of international economics. Emphasizes international trade theory, trade policy, exchange rate determination, factor movements, underdevelopment, balance of payments, national income, the international financial system and institutions, and regional trading blocks. Prerequisite(s): EC 3200, EC 3300 and either EC 4100 or EC 4110. Cross listing: BA 4177.

EC 4200. COMPARATIVE ECONOMIC SYSTEMS (3). Compares and contrasts capitalism, socialism, and communism. Surveys the economic systems of various countries to discover strengths, weaknesses and departures from the theoretical ideal. Includes the historical backgrounds of these various economic systems.

EC 4212. UNITED STATES PUBLIC POLICY (3). Examines selected national public policies and their impact on U.S. political and social institutions.

EC 4218. ENVIRONMENTAL ECONOMICS AND LAW (3). Examines the economic, legal, and political systems that affect and

regulate the use and conversation of the environment. Examines topics such as sustainable development and environmental regulation. Prerequisite(s): EC 200 or EC 3200. Cross listing: ENVS 418.

EC 4232. INTERNATIONAL POLITICAL ECONOMY (3). Analyzes the interactions and interrelationships between political and economic factors at the global level. Factors include monetary management, trade, multinational corporations, foreign aid, cartels, and debt. Considers Western and North-South systems. Prerequisite(s): EC 200 or EC 3200. Cross listing: ENVS 432, POL 432 and PJ 454.

EC 4240. LABOR RELATIONS (3). Explores labor and management relations in the workplace: process of unionization, collective bargaining, contract administration and labor costing. Examines economics of labor markets: supply and demand, wage determination, impact of unemployment and public policy decisions. Prerequisite(s): EC 3200 and EC 3300. Cross listing: BA 4240.

EC 4243. ECONOMIC POLICY, JUSTICE AND THE COMMON GOOD (3). Uses readings in economics, philosophy and Catholic social teaching to evaluate economic theory and economic policies that address social ills (e.g., poverty, unequal income distribution, unequal access to health care.) Prerequisite(s): EC 200 or EC 3200 or EC 3300. Cross listing: CAS 443, PJ 478 and RCC 420J. NOTE: Junior standing or completion of Distributive Core required.

EC 4245. COMPARATIVE PUBLIC POLICY (3). Provides a comparative examination of public policy in western industrialized nation-states emphasizing the interaction and interdependency of politics and economics. Evaluates basic issues of public policy including distribution, extraction, and regulation focusing on identifying both the range of possible choices and the actual outcomes of adopted policies under a variety of circumstances. Prerequisite(s): EC 200 or EC 3200. Cross listing: ENVS 445 or POL 445 or PJ 446.

EC 4384. VALUES-FOCUSED PUBLIC POLICY (3). Examines the policies and procedures utilized by government to improve economic performance. Explores the role that individual and community worldviews and commitments to justice have in defining appropriate state and federal regulatory action, with particular attention to the Catholic worldview and Catholic Social Thought. Areas of study include anti-trust, consumer protection, employment law, and environmental law. Prerequisite(s): EC 200 or EC 3200. Cross listing: BA 4384, PJ 484, and CAS 460G.

EC 4900E-W. INDEPENDENT STUDY IN ECONOMICS (1-6). Includes topics of interest not covered in regularly offered courses. Develops content under the direction of a faculty member. Prerequisite(s): Junior standing and approval of division director.

EC 4950. ETHICAL DECISION MAKING IN BUSINESS (3). Focuses on ethical problems in the business environment including whistle-blowing, employee rights, privacy, hiring, compensation, as well as corporate social responsibility and governance. Covers the fundamental philosophical theories that can be used to address these dilemmas. Individually, students investigate specific dilemmas inherent in their chosen profession and analyze how those problems could be resolved by value-driven ethical standards.

Prerequisite(s): BA 2900 and Junior standing or permission of instructor. Cross listing: AC 495E and BA 4950.

EC 4980A. INTERNSHIP IN ECONOMICS I (3). Provides faculty-directed fieldwork opportunity. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: Division of Business Regulations include relevant internship policy information for majors.

EC 4980B. INTERNSHIP IN ECONOMICS II (3). Provides faculty-directed fieldwork opportunity. Prerequisite(s): Approval of division director and director of Academic Internship Program. NOTE: Division of Business Regulations include relevant internship policy information for majors.

## GRADUATE

### CBE: CORE

CBE 6010. CRITICAL READING AND WRITING FOR GRADUATE STUDENTS (3). Introduces students to the expectations and requirements of graduate coursework. Attention is given to graduate level writing, critical analysis of qualitative and quantitative research, proper documentation and the role of peer-reviewed resources.

CBE 6020. LEADING IN A NEW ERA (3). Explores and examines the concept of shared leadership in organizations and how this paradigm impacts organizational purpose, mission vision, culture, and ethics. Explores concepts related to leading in a socially responsible manner.

CBE 6030. BUSINESS INTELLIGENCE AND ANALYTICS (3). Students gain insight into business intelligence and knowledge management systems. Students will learn to utilize applicable tools to examine complicated business problems and to select appropriate management decision models.

CBE 6070. BUSINESS ACCELERATOR (3). Covers techniques needed to commercialize business ideas. Explores how to take ideas from conception to the market focusing on financial, marketing, operations, capitalization, legal and human resources. Includes working with business mentors and guest speakers, start-ups and business executives. Note: Completion of Core Courses or permission of instructor required.

CBE 6090. DESIGN THINKING AND BUSINESS ANALYTICS (3). Utilizes problem-based learning to identify and solve problems to retool and revitalize business enterprises. Integrates different disciplines and combines business analysis, process modeling, and transformation and user experience design techniques to tackle the most complex problems facing an organization. Complementary methodologies such as AGILE will be introduced.

CBE 6240. ENTREPRENEURIAL INNOVATION (3). Covers how launching sustainable business ventures requires integrating strategic business decisions with market analysis, customer identification, product, price, distribution, and promotion activities. Discusses how to align and balance marketing mix decisions with financial resources by conducting a feasibility study and developing a comprehensive business/marketing plan for market entry. Prerequisite(s): MKT 6010.

CBE 6880E-W. SEMINAR IN CURRENT BUSINESS TOPICS (3). Concentrates on contemporary literature in selected areas of interest to managers. Content varies by term, based on topic's relevance to current business conditions. Prerequisite(s): Permission of instructor.

### ACCOUNTING (AC)

AC 6020. INTERPRETING ACCOUNTING INFORMATION (3). Examines adjustment of financial statements used for analysis after assessing accounting policies used and other limitations of accounting model. Analysis of firm's financial ratios, free cash flow, earnings quality, sustainable earnings, creditworthiness, and fundamental (intrinsic) equity value. Prerequisite(s): AC 3200, AC 3210, AC 4100, and AC 4110.

AC 6030. FINANCIAL REPORTING POLICY AND PRACTICE (3). Examines objectives, recognition and measurement concepts, and definitions of financial statement elements in the FASB's Conceptual Framework; preparation of financial statements; and ethical, economic, and political context of accounting standard-setting and financial reporting policy choices.

AC 6040. FINANCIAL COMMUNICATION (3). Examines the tools to approach a variety of audiences and clearly articulate complex information. Students will use written, spoken, and presentation formats to practice and improve communication skills. Note: Majors Only.

AC 6050. ADVANCED AUDITING (3). Examines cases of failed audits to assess audit risk; identify relevant assertions, inherent risks, and control risks; formulate audit objectives; and evaluate appropriateness of audit evidence. Examines earnings management incentives and devices; and threats to auditor's independence.

AC 6070. ACCOUNTING FOR NONPROFIT & GOVERNMENT ORGANIZATIONS (3). Examines accounting for not-for-profit organizations and governments. Emphasizes the use of accounting information to help identify and solve problems encountered in the management of these organizations.

AC 6080. INTERNATIONAL ACCOUNTING (3). Examines International Financial Reporting Standards (IFRS) and convergence issues between US GAAP and IFRS. Reviews Accounting Standards Codification for US GAAP foreign exchange and US International tax issue.

AC 6090. CASE STUDIES IN MANAGEMENT ACCOUNTING (3). Develops students' management accounting techniques and skills needed to make ethical profit-maximizing decisions. Emphasizes data selection, analysis, decision making and evaluation of results in complex, realistic situations.

AC 6100. CONTROLLERSHIP (3). Examines the function, role, and responsibilities of the chief accounting officer of a business organization. Considers both financial and nonfinancial aspects of the controllership function.

AC 6110. TAX INFLUENCE ON BUSINESS DECISION-MAKING (3). Studies the structure of the tax code, principles underlying it and impact on business transactions. Emphasizes tax planning.



**AC 6140. IT AUDITING (3).** Combines accounting, regulation and IT security practices to educate students to protect organizational assets through establishment of auditing best practices, current governmental reporting standards, Sarbanes-Oxley requirements and secure management techniques.

**AC 6150. INCOME TAX RESEARCH (3).** Develops the ability to research complex income tax questions. Examines the basis of tax law, research materials and research strategies. Research is completed using both manual and automated research systems.

**AC 6160. XBRL AND INTERACTIVE DATA (3).** Examines XBRL, the language for the electronic communication of business and financial data for financial reporting, SEC and regulatory reporting, corporate and governmental applications of interactive data, taxonomy development, and data tagging software. Prerequisite(s): MSAA 6020.

**AC 6170. ACCOUNTING INFORMATION SYSTEMS (3).** Identifies and defines the manual and automated systems necessary to provide accounting information. Studies and compares systems to prepare financial accounting, cost accounting and tax documents. Develops efficient, controlled systems that provide both required and management information.

**AC 6190. FORENSIC AND FRAUD AUDIT (3).** Provides an opportunity to study contemporary financial statement fraud cases using a five-part fraud taxonomy: fraud perpetration, fraud detection, fraud investigation, fraud prosecution and fraud prevention and the accountant's role.

**AC 6210. FINANCIAL APPLICATIONS OF XBRL AND INTERACTIVE DATA (3).** Studies XBRL (eXtensible Business Reporting Language) financial applications for Securities and Exchange Commission filings and other business intelligence and analytics applications. Development of XBRL applications for external and internal financial reporting will be covered.

**AC 6220. ADVANCED ACCOUNTING (3).** Advanced accounting principles and procedures as applied to special areas including partnerships, corporate liquidations, estates and trusts, foreign currency accounting, segment accounting, equity methods for investment, consolidations, and international accounting. Prerequisite(s): AC 4120.

**AC 6230. ISSUES IN ACCOUNTING ETHICS (3).** Addresses issues in accounting ethics including how to deal with ethical dilemmas, codes of ethical conduct for accountants, cultural issues in companies that lead to ethical collapse, US regulation for accountant's ethical conduct, the importance of auditor independence, and how to evaluate ethics cases. Prerequisite(s): AC 6020.

**AC 6290. BUSINESS PLANNING AND STRATEGY (3).** Develops a strategic and operating plan and implements it using a complex realistic business simulation model. Prerequisite(s): Successful completion of 21 semester hours of 600-level MSA courses and all foundational courses. NOTE: Fee required.

**AC 6880E-W SEMINAR IN FINANCE AND ACCOUNTING (3).** Addresses current topics relevant to managers in the areas of finance and accounting. Content varies by term according to the changing concerns of managers in these areas and the shifting conditions in the business environment.

**AC 6910. ACCOUNTING ETHICS (3).** Provides the knowledge, insight, and analytical tools necessary to make ethical decisions in accounting. Explores the ethical standards and challenges in tax accounting, corporate accounting, and auditing. NOTE: Students must attend a weekly ethics lab.

**AC 6980A. MSA INTERNSHIP I.** Under the supervision of a qualified MSA faculty member, provides an intensive internship appropriate for the Master of Science in Accounting program. Prerequisites: Completion of all foundation courses and permission of MSA lead faculty required.

**AC 6980B. MSA INTERNSHIP II.** Under the supervision of a qualified MSA faculty member, provides an intensive internship appropriate for the Master of Science in Accounting program. Prerequisites: Completion of all foundation courses and permission of MSA lead faculty required.

## ECONOMICS (EC)

**EC 6000. MANAGERIAL ECONOMICS (3).** This course applies quantitative and qualitative economic principles to business analysis and business decision-making. Emphasis is placed on using the student's experiences as the context for applying economic principles. Analysis of demand and supply drivers, cost behavior, strategy based in market structure, use of market research to estimate elasticity, determination of the impact of macroeconomic policy on an enterprise's decisions, and the role of Jesuit values in management.

## FINANCE (FIN)

**FIN 6000. ACCOUNTING AND FINANCE CONCEPTS FOR MANAGERS (3).** Examines accounting and finance concepts managers use in making decisions, including: uses of cost information; analysis, limitations and ethical dimensions of financial reporting; capital investment analysis; financing strategy; working capital management; and financial projections. Prerequisite(s): AC 3200, AC 3210, and BA 4100.

**FIN 6010. FINANCIAL STATEMENT ANALYSIS (3).** Examines adjustment of financial statements used for analysis after assessing accounting policies used and other limitations of the financial reporting model. Analysis of a firm's financial ratios, free cash flow, earnings quality, sustainable earnings, creditworthiness, and fundamental (intrinsic) equity value.

**FIN 6020. FINANCIAL DECISION MAKING (3).** Examines the use of financial theories and techniques in making financial decisions under conditions of uncertainty. Emphasizes the critical evaluation of concepts to assess their usefulness in practical business situations. Uses computer applications to solve practical problems. Prerequisite(s): FIN 6000.

**FIN 6030. INVESTMENTS AND PORTFOLIO MANAGEMENT (3).** Provides an understanding of the kinds of analysis and techniques used by individual investors and professional money managers to decide on investment objectives and select possible investment alternatives. Prerequisite(s): FIN 6020.

**FIN 6040. FINANCIAL INSTITUTIONS MANAGEMENT (3).** Provides a framework for understanding financial institutions and

markets, and the effects of government policy on financial institutions, interest rates and levels of economic activity.

**FIN 6050. INTERNATIONAL FINANCIAL MANAGEMENT (3).** Introduces financial management issues confronting multinational firms. Includes foreign exchange risk management, positioning of funds and cash management, and capital budgeting in the international setting. Prerequisite(s): FIN 6020.

**FIN 6110. ADVISING INDIVIDUALS WITH FINANCIAL PLANNING (3).** Examines the process of advising individuals on financial planning matters, including income taxation; risk management using insurance; investing; retirement planning and employee benefits; and estate and charitable giving. Considers the ethical dimensions of advising individuals; financial behavioral; and professional practice development.

**FIN 6120. BUSINESS VALUATION (3).** Examines valuation of small-to-medium size businesses using market, asset-based, and income approaches. Considers valuation objectives and standards of value. Examines data gathering and analysis; forecasting; valuation adjustments; discount and capitalization rates; and related income tax regulations.

**FIN 6130. MERGERS AND ACQUISITIONS FINANCE (3).** Examines the financial (and certain accounting and income tax) aspects of M&A, as well as the effects of acquisitions on employees, communities, products and services. Examines acquisition strategy and target screening; transaction structure and financing; and target company valuation and pricing, including contingent consideration and post-closing purchase price adjustment mechanisms.

**FIN 6140. CAPITAL MARKETS AND FINANCING STRATEGY (3).** Examines capital structure, forms of financing, and hedging strategies appropriate to a business' industry, lifecycle stage, and level of risk tolerance. Examines financial restructurings and models for valuation of various financial instruments. Explores financial governance and the role of finance in sustainable business operations.

**FIN 6150. FINANCIAL RISK MANAGEMENT (3).** Examines theories and methods of financial decision-making, including financial governance, sustainable finance, capital budgeting, and financial risk management. Explores return-on-investment and financial ratio analysis, capital structure policy, valuation models, and the cost of financial capital.

## HUMAN RESOURCES (HR)

**HR 6350. STRATEGIC HUMAN RESOURCE MANAGEMENT (3).** Identifies the critical importance of human resources (HR). Examines how HR professional and organizational leaders can maximize human capital and potential to achieve individual team and strategic organizational goals. Delves into how professionals align HR efforts to the overall organization strategic plan to improve organizational performance. Examines the importance of creating a culture that increases employee engagement.

**HR 6360. EMPLOYMENT LAW AND COMPLIANCE (3).** Identifies the federal and state laws and regulations that affect the employment relationship. Focuses on developing programs that help the organization meet its workforce needs in support of business requirements, while preventing lawsuits from employees and federal agencies. Topics include Title VI and VII of the Civil

Rights Act or 1965, Equal Employment Opportunity, Affirmative Action, Americans with Disabilities Act, and other federal laws and regulations. Prerequisite(s): LDR 6210 and permission of faculty advisor required for non HR specialization.

**HR 6370. STRATEGIES IN COMPENSATION AND BENEFITS (3).** Analyzes the theories, concepts and practices related to managing strategic compensation and benefits programs. Focuses on the role of human resources in managing competitive rewards and pay plans. Specific topics include compensation administration, job evaluation and pay structures, base and incentive pay, executive compensation, and employee benefits plans including required, voluntary, and retirement options. Prerequisite(s): LDR 6210.

**HR 6380. ATTRACTING AND RETAINING WORKFORCE TALENT (3).** Identifies a framework for acquiring and maintaining diverse and talented employees in alignment with business requirements of the organization. Focuses on the recruitment, selection, and development systems that are part of the human resources function. Topics include recruitment, selection, and orienting new employees; training and development; and workforce diversity. Prerequisite(s): LDR 6120.

**HR 6390. EMPLOYEE RELATIONS AND PERFORMANCE MANAGEMENT (3).** Identifies processes used to maintain effective relationships between employees and management, as well as to manage the performance of employees to meet the requirements of the organization. Focuses on role of human resources in the mediation and negotiation of labor relations and settlement of employee disputes and grievances, and evaluation and feedback to help employees achieve higher levels of performance. Topics include collective bargaining, negotiations, alternative dispute resolution, and performance evaluation. Prerequisite(s): LDR 6120.

## LEADERSHIP (LDR)

**LDR 6210. LEADING CHANGE AND INNOVATION (3).** Enables learners to understand that the need for change is both predictable and unpredictable, and can include down-sizing and massive growth spurts that challenge organizational resources. Uses actual workplace situations to diagnose when innovation within organizations is catalyzing change, and when innovation provides a solution for change.

**LDR 6240. ORGANIZATIONAL DEVELOPMENT (3).** Management of individual and team behavior in complex work organizations with emphasis on models of individual performance and effectiveness, work-related stress, communications, and conflict. An introduction to models of organizational change and development, including current practice and techniques, in addition to an examination of management of individual, interpersonal, and intergroup relations.

**LDR 6250. TRANSFORMATIONAL LEADERSHIP (3).** Explores the subject of transformational change, and the implications for us as individual leaders, for our organizational cultures as well as structures. Course combines intellectual rigor with personal challenge and collaboration with creative expression.

**LDR 6620. FOUNDATIONS OF ORGANIZATIONAL BEHAVIOR (3).** Explore how people and groups in organizations behave, react, and interpret events. Examine individual

characteristics such as learning, personality, and motivation. Consider group formation, development, and structure.

**LDR 6630. ORGANIZATIONAL CULTURE AND DESIGN (3).** Increases the understanding of the deliberate process of configuring structures, processes, reward systems, and people practices to create an effective organization capable of achieving the business strategy. Prerequisite(s): LDR 6240.

**LDR 6710. STRATEGIC LEADERSHIP (3).** This course is designed to equip strategic leaders with the skills and competencies needed to mobilize their followers and organizations for effective current-day action in preparation for future challenges, threats, and opportunities. Prerequisite(s): LDR 6210.

**LDR 6820. CAPSTONE - LEADING RESPONSIBLE ORGANIZATIONS (3).** Integrates program concepts such as leadership and organizational change. Challenges concepts from the perspective of corporate social responsibility. Prerequisite(s): Successful completion of all other 600-level course in the MS in Organization Leadership program.

## MANAGEMENT (MGT)

**MGT 6010. ETHICAL AND LEGAL ENVIRONMENT OF BUSINESS (3).** Examines the intersection of law and ethics. Focuses on how businesses apply legal principles, terminology, and ethical theories. Topics include the structure of the American legal system, business forms, corporations, agency/employment law, along with product liability and negligence.

**MGT 6020. ISSUES IN INTERNATIONAL BUSINESS (3).** Examines issues essential to an understanding of international business activity. Includes the nature of international business, international economic institutions and issues, international monetary issues, government activity affecting international trade, social and cultural effects on international business, human resource management and other related issues.

**MGT 6110. STRATEGY FORMULATION (3).** Defines and describes strategy and its formulation within business contexts and situations. Examines combining theory with a practical viewpoint using Porters strategy model. Emphasizes ethics and social responsibility. Prerequisite(s): MGT 6150.

**MGT 6120. STRATEGY IMPLEMENTATION AND MANAGEMENT (3).** Identifies the process of strategic management from a systems viewpoint. Stratagems and tactics are defined and used to illustrate Mintzberg's pattern in a stream of decisions. Emphasizes ethics and social responsibility. Prerequisite(s): MGT 6110.

**MGT 6130. LOGISTICS MANAGEMENT(3).** Introduces the concepts of supply chain management and logistics operations including volume demand for firm products and services, the supply of required components to meet production demand, warehousing and distribution planning, and the challenges of inventory, transportation and relationship management.

**MGT 6150. MANAGING CHANGE (3).** Focuses on business industrial change and control management. Explores change in industry standards through technology innovations, markets and opportunities, corporate skills portfolios, and products and services. Identifies methods available to plan, initiate, and direct

change for facilitating positive benefits for future forecasts. NOTE: Fee required.

**MGT 6230. SUPPLY CHAIN MANAGEMENT I (3).** Introduces the basic concepts of supply chain management. After completion of the course, the student will be comfortable discussing the basics of supply chain management, including volume demand for firm products and services, the supply of required components to meet production demand, warehousing and distribution planning, and the challenges of inventory, transportation and relationship management.

**MGT 6880E-W. SEMINAR IN STRATEGIC MANAGEMENT (3).** Seminar course exploring current issues in Strategic Management.

## MARKETING (MKT)

**MKT 6010. MARKETING AND OPERATIONS DECISION POINTS (3).** Marketing and Operations are two key elements of any business organization. Focuses on the intersect of these business elements and key concepts in this intersect, both from a marketing and operations perspective.

**MKT 6020. MARKET OPPORTUNITY ASSESSMENT (3).** Covers how to analyze and develop new market opportunities in changing environments, how to define target markets based on customer needs, prepare environmental and SWOT analyses, conduct research, and estimate market share potential. Discusses methods of industry competitive analysis.

**MKT 6040. INTERNATIONAL MARKETING (3).** Examines the impact of conditions unique to international business on the marketing of goods and services. Includes government policies and regulations; cultural differences in advertising, consumer preferences and buying patterns; distribution and pricing differences; exchange rates and other financial concerns.

**MKT 6190. DIGITAL MARKETING AND PROMOTION (3).** This course addresses digital marketing strategies including: web, search, social and mobile marketing. Students examine unique strengths of digital marketing components, helping students generate innovative approaches to engage, motivate and inspire buyer brand participation. Prerequisite(s): MKT 6020.

**MKT 6220. MARKETING MIX DECISIONS (3).** Applies customer analysis to integrate marketing mix decisions that align product, price, distribution, and promotion decisions critical to market success. Learners create promotion and branding plans to support the company value proposition for a market.

**MKT 6230. CUSTOMER RELATIONSHIPS: DEVELOPMENT AND MANAGEMENT (3).** Covers how to define target markets based on customer needs, prepare environmental SWOT analyses, conduct research and estimate market share potential. Addresses how to build and maintain loyal customers for lifetime value. Prerequisite(s): MKT 6010.

**MKT 6240. MARKETING STRATEGY (3).** Explores the applications of marketing strategy principles to the basic marketing, product and service decisions of a project for a business service learning organization. The key emphasis of this course is the development of a comprehensive service learning marketing plan that focuses on customer want and needs and the dynamic global environment. . Prerequisite(s): MKT 6020.

**MKT 6300. PRODUCT MANAGEMENT (3).** Focuses on management of new and existing products from a multifunctional point of view, i.e. marketing, operations, finance and accounting. Business executive management teams create a business plan and secure funding for new R&D ventures. Prerequisite: MKT 6020.

**MKT 6880E-W. SEMINAR IN MARKETING (3).** Addresses current topics relevant to marketing managers. Content varies by term, based on student needs and changes in the marketing environment.

## **PROJECT MANAGEMENT**

**PM 6510. DELIVERING ORGANIZATION EXCELLENCE (3).** Prepares learners to lead change by using the Baldrige Award criteria to explore process improvement opportunities within an organization so that it can deliver added value to its customers.

**PM 6560. STRATEGIC AND BUSINESS MANAGEMENT FOR PROJECT MANAGERS (3).** Explores and examines the concepts related to project strategic alignment, project benefit management/realization, business models and structures, project management client relationship and satisfaction, industry knowledge and standards, and operational functions.

**PM 6570. LEADING PROJECTS IN CONTEMPORARY ORGANIZATIONS (3).** Explores project management from a strategic management perspective, focusing on development of leadership skills in the management of project teams. Examines the roles of the manager and management team; project selection, organization, and planning process; communications and negotiations; and the tactical and strategic implications in a project environment. Reviews management of business/computer information technology projects including development approaches, technical aspects of project estimation, and manual and automated project management tools.

**PM 6580. MANAGEMENT OF PROJECT PERFORMANCE (3).** Examines aspects of project risk, cost and schedule management. Identifies the management processes required to ensure the project is completed within budget and on schedule. Provides knowledge required to cost a project, develop a project plan, and allocate the necessary resources to manage a project; analyze risks and opportunities within projects, identify methods for reducing and mitigating risks, manage project performance, including quality, human resources, communications and procurement. Prerequisite(s): PM 6570.

**PM 659. PROJECT MONITORING AND DELIVERY (3).** Examines various interrelated functions impacting project deliveries and how functions contribute to the strategic success of the enterprise. Provides the advanced knowledge required to develop, analyze and change a project plan, determine risk and allocate the necessary resources to effectively manage and complete a project in a simulated environment. Prerequisite(s): PM 6570, and PM 6580.

## **MBA: CORE (MBAC, MBAX)**

**MBAC 600. THE ECONOMICS OF MANAGEMENT (3).** Applies qualitative and quantitative microeconomics, macroeconomics, and international economics to business and the federal government operations from the perspective of the manager including the importance of regionalism and the global economy.

**NOTE:** This Core course should be taken in the first 12 semester hours of the program. Fee required.

**MBAC 602. DEVELOPING EFFECTIVE ORGANIZATIONS (3).** Effective organizations converge adaptable leadership, engaged workforces and aligned processes. Explores concepts from organizational behavior (OB), organizational development(OD) and human resource development(HRD) and from case studies of current organizations.

**MBAC 611. MBA CORNERSTONE (3).** Foundational course in the MBA program. Explores all disciplines of business, as well as the MBA program options. Activities will include simulations, graduate level research, and writing.

**MBAC 695. STRATEGIES IN A GLOBAL ENVIRONMENT (3).** Examines the influence of strategies, international economics, politics, business and finance in the transnational firm. Students participate in a team simulation managing a transnational corporation demonstrating the business results across product lines, services and continents. Prerequisite(s): Successful completion of all MBA foundation courses. **NOTE:** Fee required.

**MBAC 696. MBA CAPSTONE (3).** Multifaceted project course which serves as a culminating academic experience that reflects the business concepts and practices that affect business, globalization, ethical frameworks and CSR/sustainability in the 21st century workforce.

## **MBA: MANAGEMENT (MBAM)**

**MBAM 604. LEADERSHIP: EXPLORED AND APPLIED (3).** Explores important leadership theories by applying knowledge and skills that enhance individual and organizational performance.

**MBAM 616. HISTORY AND THEORY OF MANAGEMENT (3).** A practical approach to planning, organizing, leading and monitoring an organization's resources. Includes a historical review of management by examining several seminal authors of management throughout history and their contribution to the theory of management.

**MBAM 617. POWER AND POLITICS (3).** A practical approach to managing power and politics within a business organization. Examines issues of gender and ethnicity in the areas of general management, change management and strategic management. Prerequisite(s): BA 4100 and MKT 325.

## **MBA: OPERATIONS (MBAO)**

**MBAO 602. OPERATIONS MANAGEMENT (3).** Provides practical course studies in Operations Management fundamentals including quality management, forecasting, capacity planning, and geolocation inventory and production control, distribution systems, and planning and scheduling. Provides overviews and interrelationships of general Operations Management subject areas.

**MBAO 611. INNOVATIONS IN BUSINESS (3).** Presents concepts that will help identify and manage research and development (specifically the technology) as a strategic competitive weapon. Focuses on management of technology and the means to acquire it as it is connected to a firm's overall vision and management philosophy. Examines the relationship between product and

process innovation as nonlinear events, and attempts to reconcile innovative discovery with the desire to fit technology into the orderly management of business.

## **MASTER OF NONPROFIT MANAGEMENT (MNM)**

**MNM 6010. HISTORY, THEORY AND THE FUTURE OF THE NONPROFIT SECTOR (3).** Examines origins and societal roles of nonprofit organizations in a global environment including social, political, economic, cultural and ideological issues. Addresses types and characteristics of nonprofit organizations, and trends and projections for the future of the third sector.

**MNM 6030. CONFLICT RESOLUTION FOR LEADERS (3).** Examines the principles and practices of effective communication, with an emphasis on understanding oral communication styles. Explores techniques, tools, tactics and strategies on managing diverse communication styles in nonprofit organizations. Examines theory and practice of resolving conflict, including understanding varying conflict management styles at the intrapersonal, interpersonal and inter-group arenas.

**MNM 6070. SOCIAL JUSTICE AND THE NONPROFIT SECTOR (3).** Focuses on developing a foundation for studying and developing critical thinking skills in the area of social justice. Examines the role of social justice in the third sector and its importance to current and future leaders. Investigates the role of globalization in and its impact on community development. Prerequisite(s): MNM 6010.

**MNM 6100. LEGAL AND ETHICAL ISSUES FOR NONPROFITS (3).** Introduces critical legal issues affecting nonprofit organizations. Explores nonprofit formation, statutory requirements, liability, contract and employment issues, applicable portions of the Federal Tax Code, laws that affect lobbying and public advocacy and laws regarding fund raising.

**MNM 6120. ADVOCACY AND THE THIRD SECTOR (3).** Examines the rights and responsibilities of nonprofit organizations in the governmental process. Explores the importance of government to the nonprofit organization's mission, the legal parameters of nonprofit involvement and the proper techniques for establishing an effective presence in the political process.

**MNM 6150. SOCIAL ENTERPRISE (3).** Analyzes ways in which a nonprofit maintains an entrepreneurial atmosphere to raise funds and to serve constituents. Identifies the major ethical, legal and managerial issues that surround nonprofit enterprise.

**MNM 6200. STRATEGIC MARKETING FOR NONPROFITS (3).** Introduces the theories, applications, and tools of social marketing for creating social change in global civil societies. Explores a step-wise process for designing, planning, and executing marketing strategies responsive to the needs of target audiences.

**MNM 6240. GRANT WRITING (3).** Provides an in-depth examination of all aspects of grant writing including foundation, federal and corporate proposals. Examines the essentials of a successful grant writing strategy for nonprofit organizations.

**MNM 6330. HUMAN RESOURCE LEADERSHIP IN NPO'S (3).** Examines the effective management of people working in nonprofit organizations. Includes hiring policies and practices,

compensation, staff development, staff evaluation, collective bargaining, labor/management issues and equal employment opportunity. Considers the role of volunteers; how volunteers are recruited, organized and managed in nonprofits.

**MNM 6440. FINANCIAL MANAGEMENT OF NONPROFIT ORGANIZATIONS (3).** Focuses on using financial information management for budgeting, finance and investment decision-making in nonprofit organizations. Topics include acquisition, reporting, taxation, risk management and regulatory issues. Emphasizes unique problems of nonprofits in capital formation, generating earned income, managing endowments, gifts and tax planning.

**MNM 6470. PROGRAM DEVELOPMENT AND ACCOUNTABILITY (3).** Designs, evaluates and analyzes programs through the utilization of research methods and best practices to determine the effectiveness of programs while at the same time providing accountability to the organization's mission. Utilizes evidence-based and other data to evaluate and develop techniques and strategies that can produce effective program measurement.

**MNM 6480. GOVERNANCE AND ORGANIZATIONAL LEADERSHIP (3).** Examines accountabilities of nonprofit governance. Analyzes governing board and executive director roles in leading change, decision processes, and modeling ethical behaviors. Explores strategies which position organization for Third Sector leadership.

**MNM 6510. INQUIRY AND ANALYSIS IN NPO/NGOs (3).** Examines qualitative and quantitative research design and methods of inquiry and analysis as applied to nonprofit organizations, programs, and services and to civil society globally. Prerequisite(s): MNM 6010 and MNM 6070.

**MNM 6550. LEADING FROM WITHIN (3).** Explores the role of mindfulness in leadership. Investigates various practices that connect your beliefs and behaviors as it relates to your leadership.

**MNM 6700. FINANCIAL RESOURCE DEVELOPMENT (3).** Examines the principles, strategies and techniques of resource development. Topics include an overview of resource development from foundations, corporations, government and individuals, proposal writing and presentation, direct mail, conducting special events, and individual major gift programs.

**MNM 6770 SERVICE ORIENTED FIELD EXPERIENCE (3).** Examines the historical factors, political climate, and unique contributions of the nonprofit sector in a variety of different national and international settings through hands on experience. Students will travel in other countries and/or regions.

**MNM 6840. LEADERSHIP AND ORGANIZATIONAL DEVELOPMENT (3).** Explores and analyzes the concept of systems thinking and how this paradigm creates new models of leadership for nonprofit organizations. Investigates a diverse range of ideas, strategies, and techniques that enable nonprofits to become learning organizations. Emphasizes student's capacity to provide sustained, creative leadership within their own nonprofit organization.

**MNM 6900E-W. INDEPENDENT STUDY IN NONPROFIT MANAGEMENT (1-4).** Provides an opportunity for faculty directed independent research in any field or topic in nonprofit

management not covered in scheduled course offerings.

Prerequisite(s): Approval of degree chair. NOTE: Offered as special study course only.

MNM 6970. PROFESSIONAL PROJECT (3). Forms the capstone experience representing the creation, development, improvement or evaluation of a product or program m or entails the writing of a thesis. Provides immediate applicability in a specific nonprofit agency or sector of the nonprofit world.



## **COLLEGE OF COMPUTER & INFORMATION SCIENCES**

Academic Dean's Office  
 Room 439 Clarke Hall  
 Mail Code: L-12  
 3333 Regis Boulevard  
 Denver, CO 80221-1099  
 303-458-4350  
 303-964-3624 (fax)

## **COLLEGE OF COMPUTER & INFORMATION SCIENCES DEGREE AND CERTIFICATE OFFERINGS**

### **BACHELOR OF SCIENCE**

**Computer Information Systems**

**Computer Science**

**Health Information Management**

**Information Technology**

### **Undergraduate Academic Certificates**

Full Stack

### **MASTER OF SCIENCE**

**Data Science**

**Database Technologies**

**Enterprise Systems Engineering**

**Health Care Informatics and Information Management**

**Information Assurance**

#### **Specializations**

Cyber Security

Information Assurance Policy Management

**Information Technology Management**

**Software Engineering**

**Software Engineering and Database Technologies**

### **Post Baccalaureate Academic Certificates**

Health Information Management

### **Graduate Academic Certificates**

Agile Technologies

Cybersecurity

Data Science

Database Administration with Oracle™

Database Development

Enterprise Java Software Development

Enterprise Resource Planning

Executive Information Technology

Full Stack+

Health Care Informatics

Information Assurance Policy and Management

Mobile Software Development

Software Engineering

Storage Area Networks

Systems Engineering

## **GENERAL INFORMATION**

Unless otherwise noted, the College of Computer & Information Sciences follows all policies and procedures as stated in the General Information section of this *Catalog*.

The College of Computer & Information Sciences of Regis University offers a range of programs in computer and information sciences. Founded in 1877 by the Society of Jesus, the University is firmly rooted in a 450-year old tradition of academic excellence and value-centered education. A main focus of the mission of the university is to educate men and women of all ages to take leadership roles and to make a positive impact in a changing society. Students learn more than technical skills. The faculty engage students in understanding the impact of technology in an increasingly digital world.

## **VISION**

Guided by our Jesuit Mission and Values, we aspire to be the premier Colorado institution delivering innovative computer & information sciences education that promotes industry engagement and skills for careers that matter.

## **MISSION**

Our mission is to deliver academic programs in an engaging learning environment that promotes social responsibility and a commitment to the common good challenging students to become leaders who make a difference in their chosen fields. Each of our academic programs will incorporate Jesuit values and leadership, relevant career-related skill sets, experiential learning, global engagement, entrepreneurial techniques, and tools to instill a passion for lifelong learning.

## VALUES

Our values of perseverance, integrity, communication, passion and knowledge arise from a foundation of family, community, security and health.

## PROGRAM DESCRIPTION

Serving students of all ages, the College of Computer & Information Sciences (CC&IS) provides degree programs in both a traditional semester based format and accelerated formats. Courses are offered face to face, online and in a blended format. CC&IS recognizes that active learning best supports the needs of all learners and integrates significant experiential elements across all programs. Additionally, CC&IS recognizes that lifelong learning is integral to growth and aims to instill a passion for lifelong learning in all graduates.

## SERVICE LEARNING

Service Learning is a form of experiential education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development. Service Learning joins two complex concepts: community action, the “service” and efforts learned from that action and connect what is learned to existing knowledge, the “learning.” Community service becomes service learning when it is connected to classroom curriculum and activities and contains opportunities for students to reflect on their experiences, thus allowing for consciousness raising and systemic change. This is particularly true for Jesuit education that has for centuries held a mission of forming men and women who seek to transform the world through service to others.

The Service Learning program seeks to assist faculty in integrating social justice and service learning concepts and activities across the curriculum in undergraduate and graduate programs.

## ADMISSION

Regis University uses two general approaches in evaluating any applicant for admission; evidence of academic and co-curricular achievement and evaluation of the individual’s potential for success at Regis University.

Completed applications and all required documentation for admission must be received by the Office of Admissions no later than two weeks before the start of classes each semester. Admissions can be unavailable due to a wait list and/or other enrollment restrictions. Students applying after this deadline may be required to have an interview with the dean and/or the director of admissions.

All documents submitted during the application process become the property of Regis University.

Regis University reserves the right to deny admission, continued enrollment or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the Health Information

Management Program, the College of Computer & Information Sciences, or Regis University.

## ADMISSION REQUIREMENTS

### Undergraduate Traditional Format

#### *High School Graduates*

Prospective students who wish to apply should complete the following requirements:

- Complete the Regis Freshman Application or The Common Application. Regis University accepts the Common Application in lieu of its own application and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request that official high school transcripts be forwarded to Regis University's Office of Admissions. (Transcripts must be official and may not be stamped Student Copy.)
- High school seniors should have their official ACT and/or SAT test results forwarded to the Office of Admissions from their high school or testing agency. (ACT code: 0526; SAT code: 4656.)
- Applicants should include a personal statement or essay with their application. This will allow the admissions committee to get to know the applicant better.
- Applicants should submit one letter of recommendation either from a high school counselor or a teacher.
- Applicants are strongly encouraged to schedule a visit to campus to attend an information session and tour campus. Once accepted into Regis University, the admissions office asks the applicant to confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. Admissions deposits should be received by the Office of Admissions by May 1

#### *General Educational Development Diploma Recipients*

A student who has received a General Educational Development (GED) diploma is eligible for admission to Regis University.

#### *Transfer Students*

Applicants are granted admission on the basis of academic record and the intended field of study. A student wishing to transfer to Regis University must have a satisfactory cumulative grade point average. Class status is determined by the number of hours that are transferable from a regionally accredited institution. Specific questions concerning the evaluation of credits should be directed to the Office of Admissions. Transfer students are not admitted with senior standing unless they are willing to complete a minimum of 30 semester hours at the University.

Additionally, all transfer students are subject to specific Core requirements as outlined in this section of this *Catalog* under the Core Studies Requirements heading.

Students who wish to transfer to CC&IS should:

- Complete the Regis Transfer Application or The Common Application. Regis University accepts the Common Application in lieu of its own form and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request official transcripts from each college attended to be sent directly to Regis University's Office of Admissions. (Transcripts must be official and may not be a stamped Student Copy.)
- Applicants should include a personal statement or essay with their application. This allows the Office of Admissions to get to know the applicant. Official high school transcripts are required if transfer student has less than 30 semester hours completed at the time of submitting the application.

Once accepted into Regis University, the admissions office requests that the applicant confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. If the applicant plans to live off campus, the deposit is \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### *Returning Students*

Students who attended Regis University and have not attended another institution since their departure from Regis are eligible to return if they were in good academic standing at the time of their exit.

Students who have attended another institution during their leave from Regis must submit a transcript of all coursework attempted during their leave. The admission decision is based on the student's academic performance at the college or university attended during the interim and his/her Regis grade point average.

If the student returns to Regis after a year or longer absence, he/she must reapply to the University. If the student is returning within one year of leaving Regis, it is not necessary to reapply. However, it is necessary to request that the student's file be activated by completing a Regis University Admission File Reactivation form. No admission fee is assessed for returning students.

### *Non-degree Seeking Students (Unspecified Student)*

Non-degree seeking students who desire nine or fewer semester hours of credit may enroll at Regis University as unspecified students if they possess a high school diploma or equivalent certificate. Unspecified students must submit applications before the beginning of the semester in which they plan to enroll. A nonrefundable \$150 deposit, which reserves academic space, is required.

An unspecified student may take any lower division course. Such a student may not live in the College residence halls. Unspecified students are held to the same academic standing policies as full-time degree-seeking students.

Unspecified students who have already earned a bachelor's degree need not apply for formal admission to Regis after attempting nine hours. These students are also permitted to take upper division coursework. Undergraduate part-time students who have not previously earned a degree and wish to register for courses above the nine hour limit, need to apply for admission to a degree program through the Office of Admissions.

### *Admission on Academic Probation*

CC&IS recognizes that some students have had setbacks in earlier academic endeavors and are now motivated to perform well academically. These students include applicants who present either low ACT or SAT scores, a low grade point average from another college/university, or high school, and/or have been out of school for at least three years. CC&IS is willing to consider some students with these profiles for probationary admission to the college, as long as they meet program specific requirements. The academic performance of each student admitted on probation is reviewed at the end of one semester; students must complete at least 12 credits with not less than a 2.000 GPA to continue attending the college.

### *Late Admissions Policy*

- Students who apply on or before the first day of class may be allowed, at the discretion of the academic dean, to register as late as the end of the add/drop period.
- Students who wish to apply between the first day of class and the end of the add/drop period are cleared on a case-by-case basis.
- Students should have at least a current unofficial transcript. Any student attempting to process financial aid or veterans benefits paperwork, or those who cannot meet their financial obligation immediately, are encouraged to wait until the following semester.
- Late admission students do not have priority for enrolling in courses, especially closed courses.
- A Dean's Office designee is the advisor of these students to assist them with the immediate hurdles incurred by late arrival. The advisor deals with any additional student problems as required during the course of the semester.

### **Accelerated Format**

Degree-seeking applicants for accelerated undergraduate degrees must possess:

- high school diploma or equivalent,
- transferable course credit from a regionally accredited college or university (preferred),
- evidence of work experience.

In addition, CC&IS programs of study may request additional requirements for admission.

*Undergraduate Application Process:*

- Complete the online undergraduate application
- Pay the \$50.00 non-refundable application fee. The fee is waived for student who previously applied to Regis University and for students who have graduated from Regis University.
- Complete the personal statement essay as stated on the application.
- Request official transcripts from all institutions previously attended. Official transcripts are sent directly from the institution to Regis University.

Health Information Management applicant's additional requirements:

- The applicant must also complete the required background verification process and the Essential Functions Form.
- Students are admitted into the HIM program but may not take upper division HIM coursework until the specific prerequisites of each course are met.

Additional admission requirements (listed below) apply to international students who are non U.S. citizens.

*Undergraduate Returning Students*

Undergraduate degrees are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a period of time. They may return at any time within the seven year degree completion time period.

Students near the end of their seven year program limit and within 24 semester hours of completing their degree may request from their advisor an approval of a program of study extension. The extension is for a maximum length of one year.

*Undergraduate Non-Degree Seeking/Special Students*

Students seeking admission as a non-degree seeking, special student must:

- Submit the application and the application fee.
- Possess a high school diploma or equivalent.
- Possess transferable college credit from a regionally accredited college or university.
- Provide evidence of work experience.

A maximum of nine semester hours may be taken.

Non-degree seeking students do not need to submit transcripts or a writing sample.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree-seeking students apply to degree requirements if the courses are appropriate for the selected degree.

**GRADUATE***Graduate Application Process:*

- Complete the online graduate application
- Submit a \$50.00 non-refundable application fee. The fee is waived for students who have graduated from Regis University or accepted in transfer from another Regis college.
- Submit official degree-bearing transcripts from a U.S. regionally accredited institution or from a recognized foreign institution. Students must have a minimum undergraduate cumulative grade point average of 3.000 on a 4.000 scale.
- If the baccalaureate degree has been completed and the degree has not been conferred, evidence that the undergraduate degree requirements will be met no later than August of the current year.
- Official transcripts are sent directly from the institution to the Regis University Office of Admissions.
- Complete the admission written essay requirements as stated on the application (minimum 750 words with appropriate references).
- A current resume or other documentation showing at least 3 years of relevant work experience or a recent (within 2 years) relevant Bachelor's degree.
- Two letters of recommendation from persons familiar with the applicant's academic and/or professional potential.

Additional admissions information (listed below) apply to the Master of Science in Health Care Informatics and Information Management (HIIM)

The ideal candidate for the Master of Science in Health Care Informatics and Information Management (HIIM) degree holds a baccalaureate degree in Health Care Administration, Health Information Management or a baccalaureate degree in technology, nursing, business, or other health related field with two to three years of management experience in a health industry setting with exposure to health care systems.

NOTE: Applicants without degrees or experience in a related field may be required to take prerequisite coursework. All documents submitted during the application process become the property of Regis University.

*Admission through Undergraduate Progression*

Qualified students in the undergraduate and post-baccalaureate certificate in HCA and HIM programs are encouraged to progress into the MS program. These students complete the same application process. Students must provide evidence that undergraduate degree requirements will be met no later than the term prior to admission. Previous graduates or progression students from the HIM or HCA program are exempt from HCI 650--Health Care Informatics and Information Management In Health Care Settings and HSA 658-- Project Management in the Health Care Sector.

*Provisional Admission*

An applicant may be admitted provisionally based on meeting the requirements for admission and is eligible to begin classes, but must complete outstanding prerequisite courses within a defined timeframe after enrollment, to continue at Regis. Should the outstanding prerequisite course(s) within the defined timeframe not be completed, the student will not be able to enroll for future classes at Regis within that program. It is up to the college and specified program requirements to determine the timeframe after enrollment for prerequisite course completion.

*Conditional Admission*

The academic program may allow a student to be conditionally admitted when identified conditions must be met prior to starting classes at Regis as a degree or certificate seeking student. These conditions are outlined for the applicant within a "terms and conditions" letter issued by the Office of Admissions. Examples of conditional requirements include prerequisite course completion, background check completion, or international document submission required to start classes in the identified degree or certificate program.

Also in this category are applicants who are actively enrolled as undergraduate students (at any regionally accredited institution) at time of applying to one of Regis' graduate programs. These active undergraduate applicants are permitted to enroll for the first eight week or five week term with current unofficial transcripts, but unable to enroll in future classes until official transcripts are received.

*Probationary Admission*

Students who do not meet all academic admission criteria but demonstrate promise for the program may be admitted on a probationary basis. Under the probationary status, students must attain a grade of "B" or higher on the first nine hours of graduate course work or successfully complete designated requirements. A grade of "B-" or lower is not acceptable. Successful completion of the requirements removes the probationary status and may entitle students to good academic standing.

*Graduate Returning Students*

Graduate degrees are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a period of time. They may return at any time within the four year degree completion time period.

Students near the end of their four year program limit and within 9 semester hours of completing their degree may contact their advisor and request an approval of a program of study extension. The extension is for a maximum length of one year.

*Graduate Non-Degree Seeking/Special Students*

Students seeking admission as a non-degree seeking, special student must:

- Submit the special student application and the application fee.
- Provide official documentation of a baccalaureate degree from a regionally accredited college or university.
- Meet prerequisite requirements.
- Have degree chair approval.

A maximum of nine semester hours may be taken. Additional semester hours may be taken with approval of the appropriate degree chair.

Non-degree seeking students are not eligible to receive financial aid or veteran's benefits.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree seeking students apply to degree requirements if the courses are appropriate for the selected degree.

**Graduate Writing Skills**

Since graduate writing skills are critical to the successful completion of a master's degree, any student receiving an evaluation of 'Unsatisfactory' on either writing portion of the essays submitted with the application, will be required to complete a designated writing course prior to entering any graduate level courses in the program.

**OFFICIAL TRANSCRIPTS**

Official transcripts must be received by the Office of Admissions for all applicants within 30 days of starting classes as a degree or certificate seeking student at Regis. Students may register for up to one five week or eight week term prior to official transcripts being on file. However, students will not be permitted to continue enrollment at Regis after this initial five or eight week term until official transcripts are on file in the Office of Admissions.

**INTERNATIONAL STUDENTS**

The College of Computer & Information Sciences welcomes international students. However, the curriculum places heavy emphasis on English reading, speaking and writing skills. No exceptions to degree requirements are made.

All international students must complete the general admission requirements for the program of interest and the following requirements:

- Submission of an official score report of Test of English as a Foreign Language (TOEFL) with a minimum score of 550 (paper-based) or 213 (computer-based) minimum essay (TWE) score of 5, or the approved web- Internet-based TOEFL total score of 82 with total minimum scores of: 24 Writing, 20 Speaking, 22 Reading, 16 Listening. The academic IELTS with an overall band score of 6.5 or higher may be substituted in lieu of the TOEFL.
- English proficiency requirements may be waived if one or more of the following criteria is met:



- English is the applicant's native language, or
- Proof is provided to Regis of satisfactory completion (grade of C or better) of a college-level English course at a U.S. regionally accredited institution through an official transcript. or
- The applicant is applying for a graduate and has completed a U.S. undergraduate or graduate degree (taught in English), or
- The applicant submits an official letter from their secondary high school or university's registrar's office stating their previous school or university outside the U.S. taught all courses in English when they attended. or
- The applicant successfully completes and passes the Academic English program at Language Consultants International (LCI) at a level 7 or higher and provides an official LCI certification of completion indicating satisfactory completion of this English program. LCI is accredited by the Commission on English Language Program Accreditation (CEA).
- A course-by-course evaluation of all international academic credentials from an approved credential evaluation service approved by the College of Computer & Information Sciences.
- Submission of documentation to the program office of financial ability to pay one year's expenses, including tuition, fees, living expenses, etc., and demonstrate adequate coverage for Health Insurance in the United States, for issuance of an I-20 by the Office of Academic Records and Registration. An I-20 cannot be issued until the student has been admitted by the University.

Additional English instruction may be required on or after admission to the program to ensure success in completing course work.

For Graduate Program students, the applicant's undergraduate degree must be equivalent to a four year bachelor's degree granted by a regionally accredited college or university in the United States. Equivalency is determined by an approved credential evaluation service paid for by the applicant. In addition, applicants with an international background must demonstrate graduate level English writing skills.

International applicants processing or seeking a student visa can only be considered for full acceptance (not conditional), and must maintain a full-time course load. International applicants are not eligible for Financial Aid.

To ensure enough time for the processing of international student applications, it is recommended that international students apply no later than six weeks before the application deadline for the academic period for which enrollment is intended. Applications received later may not be processed in time and may have to be held for the following academic period. All documents submitted during the application process become the property of Regis University. Additional information on International Student Admission can be accessed at [www.regis.edu](http://www.regis.edu).

## Certificate Admission

### Undergraduate

Applicants seeking an Academic Certificate, or special student status must submit a completed application for admission and the required fee. Additional documentation is not required. However, if the student intends to matriculate as a degree-seeking student, he/she must meet the requirements of degree-seeking candidates outlined above.

### Graduate

To be considered for admission, an applicant must submit a completed application, application fee, student copies of the degree granting transcripts (to be followed by official copies), and other required documents to the Admissions Office, (see the specific requirements for the certificate in each department.) After the application file is determined to be complete, it is reviewed for admission and a final decision on admission is made. Official copies of all required transcripts must be received by the Admission Office within 30 days of starting classes at Regis University.

## Expired Applications

Applications remain current for one year after submission. Students who do not enroll in any Regis course within one year must reapply and complete the admissions process under the policies and degree requirements in effect at the time of reapplication. No additional admission fee is charged.

## ACADEMIC INFORMATION

### STUDENT RESPONSIBILITIES

Students are expected to have college-level writing skills when they enter a program. These skills include writing mechanics (grammar, spelling, punctuation, word usage and structure) along with analysis of issues, support of position, and clarity of thought. Each student is responsible for meeting the writing standards designated by the degree program.

### STUDENT STANDARDS OF CONDUCT

In the spirit of the Jesuit mission of Regis University, students and faculty share responsibility for maintaining an appropriate learning environment. This includes using information technology responsibly in online and other courses. In order for faculty members to provide and students to receive effective instruction in classrooms, laboratories, online courses, and other learning areas, the College of Computer & Information Sciences and the faculty expect students to conduct themselves in an orderly and cooperative manner and not engage in disruptive behavior, disorderly conduct or intentionally interfere in the freedom of expression of others.

"Disruptive Behavior" or "Disorderly Conduct" as applied in all academic settings and formats (i.e., classroom, online, independent study, etc.) means behavior that a reasonable faculty member or student would view as intentionally or

recklessly interfering with normal academic functions, university events, or university sponsored activities.

Examples include, but are not limited to: persistently speaking or commenting without being recognized or interrupting other speakers; behavior that distracts the class from the subject matter or discussion; or, in extreme cases, physical threats, harassing behavior or personal insults; refusal to comply with faculty direction including refusal to work in a group, using a cell phone or pager during a classroom session, inappropriate mediated communication; or behavior that has a negative impact in any learning environment.

Disruptive behavior also includes any other behavior covered by the Regis University Student Handbook: Code of Conduct which can be found at [www.regis.edu](http://www.regis.edu).

Students who fail to adhere to acceptable behavioral standards may be subject to discipline which may include reprimand, dismissal from the class and/or expulsion from the College of Computer & Information Sciences. Students who wish to appeal a decision regarding the consequences of their behavior should follow the Appeal Process outlined in the Regis University Student Handbook.

## LEARNING FORMATS

A variety of learning formats and locations offer students flexibility and options in completing graduate and undergraduate study. Among all degrees, close attention is given to the integration of theory and practice as well as opportunities to develop skills and abilities that prepare learners for changing demands of the workplace.

### Classroom-Based

Classroom-based courses are offered in multiple academic periods and formats. Most accelerated format courses meet one or two days/evenings each week for a total of 20 to 32 contact hours. Course learning format, selection, and availability vary by campus location.

Most accelerated classes require a minimum of 19-25 hours of combined study and classroom time each week, depending on the course content, course length and the student's learning style. While this model allows for degree completion in a shorter period of time, there is an increased expectation for independent learning outside the classroom.

### Online

Online courses are generally offered in an accelerated eight-week format over the Internet. These courses are designed to provide an interactive learning experience for students. Faculty and students communicate and collaborate through a variety of means including online discussions, e-mail, and synchronous communications. Educational technologies like synchronous and asynchronous web technologies and e-mail offer learners convenience and flexibility. Online courses have highly structured requirements and deadlines which fall within the academic terms.

Online students must have computer equipment and skills at a specified minimum level. Please check with the program for current requirements. Students should allocate a minimum of 20 hours each week for completing course assignments and participating in online discussions.

## CURRICULUM

Regardless of format, each course focuses on course objectives, required learning activities, and outcome evaluation. Close attention is given to the integration of theory and practice, as well as the opportunity to develop skills and abilities that prepare students for changing demands of the workplace.

Since effective written and oral communication skills are essential in both occupational and academic environments, all courses emphasize the development of these skills.

## FACULTY

Faculty members are frequently working professionals representing various corporations, businesses and organizations. All hold a master's or doctoral degree, and bring academic theory and current professional experience to the learning environment. An assessment process is employed to determine not only the knowledge base of each selected faculty member, but also his/her ability to facilitate the learning of adult students.

## ACADEMIC ADVISING

Academic advisors are available to assist with course planning and degree development as needed. Advisors provide assistance and recommendations to students from the point of admission through graduation.

## EARNING ACADEMIC CREDIT

Toward completion of degree or certificate requirements, students may utilize a combination of the following methods for accumulating credit:

### Regis University Credit

Students may complete Regis University academic course work through any combination of the following learning formats as availability of course format permits:

- classroom-based courses
- online courses
- blended courses (classroom-based and online combination)

### Credit for Prior Learning

Many adult students have extensive work or life learning that can be documented and evaluated for undergraduate credit through several testing options. These credits are generally limited to undergraduate programs.

Two nationally standardized exams are available: College Level Examination Program (CLEP) and Defense Activity for Nontraditional Education Support (DANTES). In addition, students who have experience in the course content area may be awarded credit for courses offered at Regis University through Challenge Exams. While there is no limit to the amount of credit that can be awarded through these testing programs, these credits do not apply toward meeting the Regis University residency requirement.

Students are advised to review their previous college work with an advisor and seek approval prior to taking any examination to avoid duplicate or unacceptable credit.

### *Challenge Exams*

Over 30 exams have been developed by Regis faculty. Business, computer science, accounting and speech communications are examples of the subject areas offering Challenge Exams. Students who wish to take a Challenge Exam are required to have experience in the subject area that they want to “challenge.” Exams are graded on a Pass/No Pass basis, and the grade is recorded on the student’s academic transcript. Students who do not pass the Challenge Exam are not eligible to re-take the exam or petition for credit for the course through prior learning assessment.

### *College Board Advanced Placement (AP) Program*

Credit and/or placement in advanced coursework is awarded for AP examinations. Minimum scores required for awarding of credit and/or placement is established by the University. Students should check with the Office of Admissions to determine minimum scores required and how credit awarded for AP examinations satisfies degree requirements.

### *College Level Examination Program (CLEP)*

There are over 30 standardized CLEP exams in a wide range of academic areas offered nationally through the College Board. Most CLEP exams meet specific Regis University degree requirements.

The most recent Official Handbook for CLEP Examination is available in most bookstores, including the Regis University Bookstore, library and Regis website at [www.regis.edu](http://www.regis.edu). This guide should be used as a reference in preparation for all CLEP exams. Minimum scores required for awarding credit are established by the University. Students who do not achieve a passing score must wait six months to retake the exam.

### *Defense Activity for Nontraditional Education Support (DANTES)*

DANTES Subject Standardized Tests (DSST) was originally developed for military personnel. They are similar to the CLEP exams but cover additional subject areas.

Fact sheets for each DANTES exam are available from the Testing Center or Regis website. Minimum scores required for awarding credit are established by the University. Students who do not achieve a passing score must wait six months to retake the exam.

### *International Baccalaureate Program (IB)*

Credit is awarded for IB subject examinations that have been completed at the higher level. A minimum passing score of four is required. Students should check with the Office of Admissions to determine how IB credit satisfies degree requirements.

Information for each exam may be obtained directly from the Regis Learning Commons, room 241, David M. Clarke, S.J. Hall or at [www.regis.edu](http://www.regis.edu).

## **Transfer Credit**

An official evaluation of transfer credit will be completed only after all admissions requirements have been met, formal admission to the University has been granted, and the student has submitted the required official credentials. Any evaluation of transfer credit completed prior to meeting all these conditions is considered unofficial.

Transfer credit policies vary for undergraduate and graduate programs in the CC&IS. In order to ensure acceptance of transfer credit from other institutions once students are enrolled at Regis University, all transfer courses need prior approval of an undergraduate advisor, graduate faculty advisor or designee. Undergraduate transfer credit with a grade of “C-” or better is accepted in transfer toward an undergraduate degree. Graduate transfer credit with a grade of “B-” or better is considered for transfer toward a graduate degree. For additional information on transfer credit, students should refer to the Transfer Credit Information in the Regis University General Information section of this *Catalog*.

## **Undergraduate**

The College of Computer & Information Sciences accepts credit toward core, lower division major, general elective requirements, and up to half of the upper division semester hours required for the major and (if applicable) half of the upper semester hours required for the minor in transfer credit. A maximum of 90 semester hours may transfer toward an undergraduate degree. Once the student has applied, all remaining upper division (advanced) course work must be completed at Regis. Specific questions concerning the evaluation of credits should be directed to an advisor.

In addition to credit transferred from regionally accredited institutions of higher learning, provisions for the acceptance of military, business and industry training, and technical credit has been established.

## **Graduate**

Of the total semester hours required for any one of the graduate degrees, no more than 20% of the total semester hours required may include transfer credit course work, or course work included in a previously earned degree from another regionally accredited college or university or from Regis University. Graduate degrees with the total semester hours required equal to either 30 or 36 semester hours may transfer a maximum of 6 semester hours. Transfer course content must be equivalent to a degree course.

Course(s) considered for transfer must be graduate level and be equivalent to a course required for the degree or meet a degree requirement category (e.g., general elective). Students must have earned a minimum grade of "B-" for the course(s) to be eligible for transfer and only credit completed within the last ten years is eligible for transfer consideration. Some graduate programs may have a more restrictive age limit for transfer credit than the University limit of ten years. Students may also be requested to submit official course descriptions or a course syllabus. Transfer credit is approved by the graduate program coordinator of the degree program or designee.

Course work is eligible for transfer at any point during the program of study unless otherwise stated. Graduate degree programs may have more specific or more restrictive transfer credit policies than these stated policies. Specific transfer credit policies are stated in the appropriate graduate degree section of this *Catalog*.

### ***HIIM Transfer Credit Policy and Procedure***

Acceptance of transfer credit is permitted at the discretion of the department chair. Transfer credits are considered only for courses taken at a regionally accredited school and for coursework for which a letter grade not less than a "B-" was earned. Additionally, the course must have been completed within the last three years. Students wishing to transfer credit into the Master of Science in Health Care Informatics and Information Management degree program must provide an official school transcript of the coursework. Only appropriate coursework relevant to the program will be approved for transfer. A copy of the course syllabus may also be necessary to determine whether the content and course applies to the HIIM program.

### ***Graduate Certificate Transfer Credit***

Graduate transfer credit is not accepted into graduate certificate programs. All semester hours required must be earned through Regis University.

### ***Military Credit***

Credit is awarded upon recommendation of the ACE Guide for Educational Experiences in the Armed Services.

### ***Business and Industry Training***

Credit is awarded upon recommendation of the American Council on Education National Guide for ACE evaluated courses in business and industry training programs and the National College Credit Recommendation Service (NCCRS).

### ***Technical Credit***

Technical credit is defined as college-level credit in the practical, industrial or mechanical arts or the applied sciences. The credit must come from a regionally accredited institution, or from institutions with certain national accreditations. A maximum of 24 semester hours of Technical Occupational Specialty (TOS) credit are allowed to transfer as undergraduate general elective credit.

## **CONCURRENT ENROLLMENT IN OTHER REGIS PROGRAMS**

Concurrent enrollment is defined as taking courses simultaneously in more than one Regis University College. Students wishing to cross-register within the University are not required to complete an application; however, updated information may be required at the time of registration. Students may register for courses offered in the Rueckert-Hartman College for Health Professions that are open to non-majors. Students should consult with their academic advisor. Some programs may have more restrictive requirements for cross-registration. Refer to the program information in the appropriate degree program section.

## **COURSE LOAD/OVERLOAD**

Undergraduate students who wish to register for more than two courses in any five- or eight-week term, or more than 18 semester hours in one semester must receive approval from the Associate Dean. Students must obtain and submit an Overload Request form 30 days prior to taking the overload credit to his or her advisor. The advisor will:

- Verify that students have a 3.000 grade point average or higher.
- Ensure that students have no incomplete grades pending.
- Request approval from the Associate Dean
- Contact students regarding approval or denial of the request.

No further overloads are approved if students receive any incomplete grades and/or fall below a 3.000 grade point average.

## **GRADING**

For information on grade reports, incomplete grades, change of recorded grade, and repeat for higher grade, students should refer to the University General Information section of this *Catalog*.

### **Grade of Incomplete**

Grades of incomplete may be approved by the instructor for a student, if the student has completed at least 75% of the course work and experiences an unexpected event. If a grade of Incomplete is approved by the instructor for a course, the incomplete grade assigned is "I/F". The length of time for completion is determined by the instructor but may not exceed the end of the following term. If the work is not completed by the deadline, the Incomplete will revert to a grade of "F". Students may have only one course in which there is an incomplete grade pending at any time.

### **Grade of "In Progress"**

"In Progress" grades are given to students in graduate capstone project courses, graduate thesis courses or practicum/internship courses where it may be appropriate for a

student to take longer than the eight weeks or semester (if a semester-based course) provided for completion. If the course instructor agrees that the student should be given additional time, an "In Progress" grade can be granted for a period of up to one year (12 months) to complete the capstone project course or practicum/internship. The grade to be recorded in the student's record is IP/N (In Progress/No Pass). If the student does not satisfactorily complete the course within the one year period, the grade reverts to the "F" or "No Pass" grade.

"In Progress" grades will only be given in the capstone/thesis courses or practicum/internship courses. "In Progress" is not appropriate for other courses where there is a definitive end date. In those cases if the student is unable to complete the course work for an approved reason and the instructor approves, the appropriate grade is Incomplete/F (I/F) and the student has no more than the eight weeks or equivalent term to complete the work.

### Appeals of Disputed Grades

Students who wish to dispute a grade earned in a course should use the following procedures:

1. The student contacts the instructor of the course to request a review of the issue.
2. If the dispute is not resolved with the instructor, the student submits a written request for review of the grade to the department chair. The written request must be initiated within 60 days after the last official day of the term in which the course in question was taken. The request must provide rationale indicating why the grade earned is not appropriate, and all relevant documentation must be included (course syllabus, copies of exams, quizzes, papers, presentation materials, etc.) The request must include the student's name, address, e-mail address, course number, instructor name and the term in which the course was completed.
3. The department chair reviews all documentation submitted. If needed, the department chair contacts the student and the instructor to arrange a personal interview. The department chair approves or disapproves the appeal. If the department chair approves the appeal, a Change of Grade form is completed and submitted to the Office of Academic Records and Registration. The department chair informs the student and the instructor in writing of the decision regarding the appeal.
4. If the grade dispute is not satisfactorily resolved, the student may appeal the decision to the Associate Dean of the College. This written appeal must be submitted within two calendar weeks of receipt of the decision in step 3 above.

The Associate Dean will review the proceedings and any additional information provided by the student. The decision of the Associate Dean is final.

### Academic Progression

In order to assure academic progression in a CC & IS program, a student may repeat a course two times to remove a failing grade or a withdrawal (W) from a course. Students who fail or withdraw from a class three times may be subject to being removed from the program.

**Note:** Students in the Health Information Management program must maintain a 2.500 GPA at all times and will follow the same probation and suspension procedures.

### DEAN'S LIST

For fall, spring and summer semesters, a Dean's List is created for College of Computer & Information Sciences undergraduate students. A degree-seeking student who carries a semester load of twelve or more graded semester hours and who earns a minimum semester grade point average of 3.800 is placed on the Dean's List. A student who is required during the semester to take a Pass/No Pass course--and who also carries nine or more graded hours with a 3.800 semester grade point average--is eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of twelve letter-graded semester hours. Student who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.

### ACADEMIC STANDING AND PENALTIES

#### Good Standing

A College of Computer & Information Sciences undergraduate student must maintain at least a 2.000 cumulative grade point average to be in good academic standing. The cumulative grade point average is computed by dividing the total number of grade points earned by the total number of credit hours attempted. A grade of less than "C-" in an upper division course in the major or minor area is not counted toward completion of major or minor requirements. A grade of less than "C-" in other courses indicates an academic deficiency; however, these courses apply toward graduation.

To sustain good academic standing at the graduate level, a cumulative grade point average of 3.000 for 600-level course work is required. The cumulative grade point average is computed by dividing the total number of grade points earned in the 600-level courses, by the total number of semester hours attempted in those courses. No more than two courses with grades of "C" can count toward graduation requirements. A grade lower than a "C" (e.g. "C-") is not counted toward degree requirements, but is included in the cumulative grade point average.

#### Probation

The College of Computer & Information Sciences undergraduate student whose cumulative grade point average falls below 2.000 at the end of any given semester is placed on academic probation. During the next semester (fall, spring,

summer) of enrollment, the University expects the student to raise his/her cumulative grade point average to a minimum of 2.000. If the cumulative grade point average remains below 2.000, the student may be academically suspended at the end of the probationary semester. The student must work closely with his/her advisor to determine the number of semester hours to be taken during the probationary semester to maximize the possibility of earning the required cumulative 2.000 grade point average by the end of the semester. Students are formally notified of their academic probation in a letter from the Dean's Office. Academic probation is recorded on the student's permanent academic record (transcript).

Undergraduate students accepted on probation by the College of Computer & Information Sciences may be suspended at the completion of their first semester of course work if they have not achieved a 2.000 cumulative grade point average.

Graduate students whose cumulative grade point average falls below 3.000 for 600-level course(s) at the end of any given semester are placed on academic probation. After one semester on probation, a student's performance will be reviewed by the appropriate program coordinator and the Associate Dean. Students who are not successful in raising their grade point average to 3.000 will be considered for suspension by the program coordinator and Associate Dean. Students on probation are permitted to take only one course per term and are not permitted to have an Incomplete grade while on Probation. In addition, graduate students who receive a grade of "C" or less in two courses are subject to academic review. Students are formally notified of their academic probation in a letter from the Dean's Office.

Graduate students accepted on probation by the College of Computer & Information Sciences may be suspended at the completion of their first semester of course work if they have not achieved a 3.000 cumulative grade point average.

## Suspension

If a student has been placed on academic probation and does not achieve a 2.000 (undergraduate) or 3.000 (graduate) cumulative grade point average at the end of the next semester of enrollment, he/she is suspended. Academic suspension is recorded on the student's permanent academic record (transcript). Students are formally notified of their suspension from Regis University in a letter from the Dean.

Students who are notified of academic suspension for the previous semester and who are currently in attendance in a Regis University class may complete that class. Any additional registrations will be dropped.

After one calendar year, the student may apply for readmission by fulfilling the following written requirements:

- Submit a letter requesting readmission and an explanation of the previous academic difficulties and how the problem(s) have been addressed.
- Submit a written contract for approval by the Associate Dean, signed by the student and the student's advisor, which states how the student will meet the required

minimum grade point average or an agreed-upon provisional grade point average within a defined period.

- An official transcript showing at least 12 semester hours of acceptable academic course work completed at a regionally accredited college or university (undergraduate students only).

## Dismissal

Academic dismissal is action taken by Regis University by which the student is rendered ineligible to return to Regis University for any program of study. For this action to be taken, a student must have been suspended, applied for and been readmitted to Regis University on academic probation, and failed to achieve either the required minimum grade point average or an agreed-upon provisional grade point average. The provisional grade point average is pre-determined by the student and their advisor, and approved by the Associate Dean. Academic dismissal is recorded on the permanent academic record (transcript).

## Suspension/Dismissal Appeal Procedure

Students who wish to appeal their suspension/dismissal must complete the following requirements within 30 days of the date on the letter of notification for Suspension/Dismissal.

1. Write a letter or send an email to the Dean, College of Computer & Information Sciences explaining:
  - a. Why the student should not be suspended from the program or dismissed from the University.
  - b. What prevented the student from successful progress toward completion of academic goals.
  - c. That the student is committed to and ready to proceed with serious academic study.
  - d. Why the student failed to achieve the required grade point average. Were there, for example, any extenuating circumstances beyond the student's control.
  - e. The names of the student's advisor or faculty members from whom supporting statements may be solicited by the student (undergraduate students only).
2. Contact the advisor, faculty member, doctors, etc. to discuss the case. Any supporting statements from them must be received by the same deadline.

Decisions on Suspension/Dismissal appeals by the Dean are final; no further appeals are accepted.

## BACCALAUREATE DEGREE REQUIREMENTS

In addition to the completion of the Core Studies academic requirements, the following are also required of each undergraduate degree candidate in the College of Computer & Information Sciences:

- The completion of 120 semester hours of academic work in which the candidate has earned a minimum cumulative Regis University grade point average of 2.000 except HIM



which requires an average of 2.500. Thirty semester hours of the total 120 hours must be at the upper division level.

- A minimum of 30 semester hours completed at Regis University. This does not include credits earned through Prior Learning Assessment (portfolio or credit by exam). Of these 30 semester hours, 18 semester hours must be at the upper division course level (400 level).
- The completion of a major, consisting of a minimum of 42 semester hours of courses in one subject area. Of the 42 semester hours, a minimum of 18 semester hours must be at the upper division course level (400 level).
- The completion of a minor area is optional. The minor consists of 12 upper division (400 level) semester hours in a discipline outside the major that lends support to the development of the major and aids students in reaching their ultimate educational objective.
- A grade of "C-" or higher for credit to be counted in the major or minor areas.
- Students may transfer up to half of the upper division semester hours in the major and half in the minor. Once the student has applied, all remaining upper division (400 level) courses must be completed at Regis University.
- Some courses taken toward a major may also count toward the Core Studies requirements. A single course cannot, however, satisfy two Core Studies requirements.
- Upper division courses required to meet one major or minor cannot be counted toward a major or minor in another discipline except under the following conditions:
  - In the event the upper division requirements for a major exceed 18 semester hours, those excess hours may also be applied to another major or minor.
  - In the event that the upper division requirements for a minor exceed 12 upper division semester hours, those excess hours may also be applied to another major or minor.
- Courses that satisfy lower division prerequisites for more than one major or minor may be applied to more than one major or minor.
- Competence in oral and written communication skills is required. Students should be able to express themselves with clarity, precision and force, which comes only from a disciplined command of words, word usage and grammar.

## Major Requirements 42 SH

Students must complete a minimum of 42 semester hours in their chosen field of study. At least 18 semester hours must be at the upper division level.

Lower division (foundational) courses are designed to offer students a discipline breadth in a particular subject area. These courses are usually taken at the freshman and sophomore levels (200 and 300 level).

Upper division courses are designed to offer students greater depth on a specific topic within the major field of study. These

courses are usually completed at the junior and senior levels (400 level).

Specific requirements for each major are listed in this section under the degree program.

## Minor Requirements 12 SH

A minor field of study consists of 12 upper division (advanced) semester hours from an area of study outside the major discipline. At least six of these semester hours must be completed through Regis University. A minor is required for HIM students.

## General Electives 21 through 33 SH

The remaining credits required to meet the 120 semester hour requirement for a bachelor's degree are known as general electives. This category may also be used to earn a second minor or a second major.

## UNDERGRADUATE MINOR AREAS

Minors are available for every approved major listed in the College of Business and Economics, The College of Computer & Information Sciences, the College of Contemporary Liberal Studies, Regis College and the HCA Minor available through the Rueckert-Hartman College of Health Professions.

## MASTER'S DEGREE REQUIREMENTS

Students should refer to the General Information section of this *Catalog* for information regarding graduate degree requirements,

## GRADUATE ACADEMIC CERTIFICATE REQUIREMENTS

An Academic Certificate requires that students meet the following requirements in addition to a minimum of 12 specified graduate semester hours:

- Candidates must maintain a cumulative grade point average of 3.000 or better in graduate level courses throughout the Certificate Program.
- A grade of "C" or higher is required for all certificate requirements. Grades lower than a "C" do not meet any requirement of the Certificate Program under any circumstance (i.e., a grade of "C-" is unacceptable).
- The Certificate Program must be successfully completed within four years (48 months) from the date of the student's acceptance into the Certificate Program.
- Any course required to complete one certificate may not be used toward fulfillment of requirements for another certificate.
- All semester hours required must be earned through Regis University. Graduate transfer credit is not accepted into the Graduate Certificate Program.

## CC&IS UNDERGRADUATE CORE STUDIES REQUIREMENTS

Regis University recognizes that in today's diverse and complex world, education cannot be limited to one field of study. Instead, it is the goal of the University to give each student a full range of academic exposure. Building upon a 450 year educational tradition, our core education is grounded in a Jesuit and Catholic vision of human development. Through its emphasis on active learning and integrated reflective thinking, the core education should broaden a student's capacity to make critical judgments in a wide range of areas. To this end, CC&IS requires that each student completes a liberal arts core curriculum.

Regis University's mission is to develop leaders in the service of others. Therefore, the Regis CC&IS Core Curriculum is firmly rooted in the Regis University Core Philosophy Statement. The Core Curriculum is guided by the framework of the Characteristics of the Core Educational Experience: Development of the Whole Person, Academic Challenge, Liberal Arts Foundation, Integration, Ethical Inquiry and Reflection, Spirituality and Religion, Concern for Justice, Global Awareness and Leadership.

All Core courses will challenge students to reflect on tradition, continuity, and change while celebrating the essential goodness of the world, the compatibility of faith and reason, and the joy of learning.

### Purpose of the Core Curriculum:

Rooted in Catholic tradition and Ignatian spirituality, the core is directed towards the education of the whole person and is committed to academic excellence through the disciplined search for knowledge and the joy of discovery and understanding. It celebrates the essential goodness of the world, provides opportunities for students to understand the ethical dimension present within all of their studies and allows them to cultivate respect for faith and reason, human diversity, and a special concern for social justice. It promotes leadership in service to others and towards the common good. Grounded in the Liberal Arts, the core promotes literacy in the major academic disciplines. It also challenges students to integrate their knowledge both by demonstrating an understanding of the relevance of the disciplines, one to another and bringing together their learning with the practice of everyday life and the needs of their communities.

**Total Core Studies Requirements** **45-49 SH**

### Oral and Written Communication **9 SH**

English, Communication. Regis courses: \*RCC 200, \*RCC 420J, COM 210, COM 211, COM 250, COM 406, COM 437, COM 455, EN 203, EN 325, EN 475, EN/PL 482,

\*RCC 200--Writing Analytically and RCC 420J--Justice and the Common Good

### Engagement with Literature and Arts **6 SH**

English, humanities, fine and performing arts. Regis Courses: any 300-400 EN, all HU courses, all COM courses excluding COM 210, COM 211, COM 406, and COM 437

‡HU 366--Leading Lives that Matter

### Language and Global Awareness **6 -8 SH**

Modern languages, classical languages, archeology, history, political science, economics, geography, and social science. Regis courses: \*RCC 410E, COM 400, COM 412, CR 466, EC 3500, EC 4200, HS 240E-W, HU 435E-W, HU 421E-W, SO 204, SO 340, SO 341, SO 472, IRSH 410E-W, RC 311, RC 458, RC 459

\*RCC 410E--Global Environmental Awareness

### Understanding Human Behavior, Diversity, and Culture **6 SH**

Anthropology, economics, education, history, political science, psychology, criminology, peace and justice studies, sociology, social work, or women's/gender studies. Regis courses: \*RCC 400D, COM courses (excluding COM 210, COM 211, COM 406, and COM 437), all EC, all ED, all HS, all PY, all SO courses, all CR courses

HIM 432--Leadership & Management is required in the HIM program.

\*RCC 400D--Diversity and Cultural Tradition

### Quantitative Literacy **3-4 SH**

College-level algebra or higher. Regis courses: MT 201, MT 204, MT 270, MT 274, all 300-400 level MT courses

NOTE: Computer Science students must complete MT 320--Discrete Mathematics to fulfill core requirement.

### The Natural World **3-4 SH**

Astronomy, atmospheric science, biology, biochemistry, chemistry, ecology, environmental science, geology, oceanography, physical geography, or physics. Regis courses: SCI 205E, SCI 206E, SCI 410E, SCI 411E, HSC 240, all CN, CIS or CS courses

**Note:** CC&IS majors cannot use CC&IS courses to meet this requirement.

### Philosophical Inquiry and Reflection **6 SH**

Philosophy, ethics. Regis courses: RCC 430M, all PL courses

HCE 435--Ethics in Healthcare required in the HIM program.

\*RCC 430M--The Search for Meaning

### Exploring Religious Traditions **6 SH**

Religious studies, Theology. Regis courses: all RC, all RS courses

\*Students enrolled in traditional, semester-based daytime programs are required to complete these courses to fulfill core requirements.

‡Students enrolled in online and ground-based courses in the 5-week or 8-week format are required to complete this course to fulfill their core requirement.

## UNDERGRADUATE TRADITIONAL PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Full Time Tuition (12-18 semester hours)	\$17,630
Part Time (per credit hour)	\$1,102
Student Activity Fee Full Time (per semester)	\$175
Study Abroad Processing Fee	\$30
Study Abroad Confirmation Fee	\$300
Late Clearance Fee	\$300
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## UNDERGRADUATE ACCELERATED PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Undergraduate (per semester hour)	\$490
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

## PROGRAMS OF STUDY

### UNDERGRADUATE DEGREES

The Undergraduate Computer & Information Sciences degrees prepare students for careers in information technology emphasizing the theory, abstraction and design of computer systems as well as the use of information systems to address real world problems. Course and laboratory work offers students the means to achieve recognized mastery of computer information technology concepts and their application to real-world problems. The College of Computer & Information Sciences received special accreditation for three undergraduate degree programs by the Computing Accreditation Council of the Commission of the Accreditation Board of Engineering and Technology (ABET): the three degree programs are the BS in Computer Information Systems; the BS in Information Technology and the BS in Computer Science. Students have the opportunity to focus their studies in one of the following degree areas:

- Computer Information Systems
- Computer Science
- Health Information Management
- Information Technology
- Combined BS and MS degrees in the College of Computer & Information Sciences

### COMBINED BS AND MS PROGRAM ADMISSION CRITERIA

Undergraduate students who have obtained junior status, carry a 3.0 GPA, completed 15 credit hours at Regis University, and completed 6 credit hours in their degree program are eligible to apply for a combined BS to MS degree program.

### BACHELOR OF SCIENCE IN COMPUTER INFORMATION SYSTEMS

The Bachelor of Science in Computer Information Systems (CIS) program is a career-focused degree that provides a balance of theory, course work and hands-on experience in business process management, software development and applications, database management, enterprise systems, business analytics, and more. You will learn to analyze how IT initiatives impact your company's short and long-term business goals and how to improve existing business processes and information systems. In short, you will be the link between business and IT and the real-world experience you gain while achieving your degree will be accompanying you into the job market. This bachelor's degree prepares you for a number of exciting careers as a: systems analyst, business process analyst, software engineer, computer programmer, database manager, project manager, and more.

#### Program Student Outcomes

The B.S. in Computer Information Systems program (within the College of Computer & Information Sciences) enables students to achieve the following program outcomes by the time of graduation:

- Apply knowledge of computing and mathematics appropriate to the discipline.
- Analyze a problem and define the computing requirements appropriate to the discipline.
- Design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- Identifies, collaborates effectively, and shares information with team members to set and meet team performance goals.
- Explain the professional, ethical, and social issues and responsibilities relevant to the discipline.
- Communicate with organization stakeholders using effective communication, project management, and decision-making skills.
- Analyze the local and global impact of information systems on individuals, organizations, and society.
- Maintain technical competency in the face of rapid changes in the discipline.
- Apply discipline knowledge using current tools, techniques and skills to organizational systems.

- Demonstrate an understanding of processes that support the delivery and management of information systems within the business environment.

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>45-49 SH</i>
<i>Foundational Courses</i>	<i>36 SH</i>
AC 3300--Accounting for Managers or AC 3200--Principles of Accounting I	3 SH
BA 2900--Introduction to Business	3 SH
CIS 300--Foundations of Information Systems	3 SH
CIS 318--Ethics for the Information Technology Professional	3 SH
CIS 325--Systems Analysis and Design	3 SH
CIT 311--Enterprise Systems Architecture	3 SH
CIT 330--Foundation of Cyber Security	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
CS 336--Web and Database Applications or CS 338--Mobile and Enterprise Computing	3 SH
MT 270--Introduction to Statistics	3 SH
MT 320--Introduction to Discrete Mathematics	3 SH
<i>Upper Division Requirements</i>	<i>27 SH</i>
CIS 445--Database Management	3 SH
CIS 448-- Project Management	3 SH
CIS 458--Business Process Management	3 SH
CIS 461--Business Analytics	3 SH
CIS 463--E-Commerce Technology Management	3 SH
CIS 464--Enterprise Systems	3 SH
CIS 465--Strategy, Management and Acquisition	3 SH
CIS 493--Senior Capstone	3 SH
CS 444--Introduction to Software Engineering	3 SH
<i>Minor (Optional)</i>	<i>0 or 12 SH</i>
<i>General Electives</i>	<i>0 - 12 SH</i>
If a minor is completed:	0 SH
If a minor is not completed:	12 SH

### **Computer Information Systems Minor (for non-majors) 12 SH**

<i>Upper Division Requirements</i>	<i>12 SH</i>
CIS 445--Database Management	3 SH
CIS 448-- Project Management	3 SH
CIS 461--Business Analytics	3 SH
CIS 464--Enterprise Systems	3 SH
<i>Prerequisite Requirements</i>	<i>6 SH</i>
CIS 300--Foundations of Information Systems (or equivalent)	3 SH
CIS 325--Systems Analysis and Design (or equivalent)	3 SH

### **Combined Bachelor of Science in Computer Information Systems and Master of Science in the School of Computer and Information Sciences**

The combined Bachelor of Science in Computer Information Systems and Master of Science in the School of Computer and Information Sciences admit students to the Master of Science program during the junior year of their Bachelor of Science program to work towards both BSCIS and MS degrees in the School of Computer & Information Sciences. The combined degree can be completed with a total of 144 semester hours and allows four graduate courses to be taken as part of the Bachelor of Science degree, early planning of the Master of Science portion of the program and more flexible and efficient course scheduling.

<i>Total Degree Requirements</i>	<i>144 SH</i>
<i>Core Studies Requirements</i>	<i>45-49 SH</i>
<i>Foundational Courses</i>	<i>36 SH</i>
AC 3300--Accounting for Managers	3 SH
BA 2900--Introduction to Business	3 SH
CIS 300--Foundations of Information Systems	3 SH
CIS 318--Ethics for the Information Technology Professional	3 SH
CIS 325--Systems Analysis and Design	3 SH
CIT 311--Enterprise Systems Architecture	3 SH
CIT 330--Foundation of Cyber Security	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
CS 336--Web and Database Applications or CS 338--Mobile and Enterprise Computing	3 SH
MT 270--Introduction to Statistics	3 SH
MT 320--Introduction to Discrete Mathematics	3 SH

<i>Graduate and Upper Division Requirements</i>	<i>36 SH</i>
CIS 445--Database Management	3 SH
CIS 448-- Project Management	3 SH
CIS 458--Business Process Management	3 SH
CIS 461--Business Analytics	3 SH
CIS 463--E-Commerce Technology Management	3 SH
CIS 464--Enterprise Systems	3 SH
CIS 465--Strategy, Management and Acquisition	3 SH
CS 444--Introduction to Software Engineering	3 SH
MSCC 697--Information Technology Research Methods	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH
<i>Minor (optional)</i>	<i>0 or 12 SH</i>
<i>General Electives</i>	<i>0 or 3 SH</i>
If a minor is completed:	0 SH
If a minor is not completed:	3 SH

### **MS Degree Requirements** **24 SH**

See the specific CC&IS Master of Science Degree Requirements for remaining MS degree requirements.

- Data Science
- Database Technologies
- Enterprise System Engineering
- Health Informatics and Information Management
- Information Assurance
- Information Technology Management
- Software Engineering

## **BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

The Computer Science degree prepares students for the theory, abstraction and design of computer systems. Course and laboratory work offers students the means to achieve recognized mastery of computer information technology concepts and their application to real-world problems.

### **Program Student Outcomes**

Student outcomes include:

- An ability to apply knowledge of computer science and mathematics.
- An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- An ability to design, implement and evaluate a computer-based system, process, component or program to meet desired needs.

- An ability to function effectively on teams to accomplish a common goal.
- Explain the professional, ethical, legal, security and social issues and responsibilities relevant to computer science.
- An ability to communicate effectively with a range of audiences.
- An ability to analyze the local and global impact of computing on individuals, organizations, and society.
- Recognize the need for, and an ability to engage in continuing professional development.
- An ability to use current techniques, skills and tools necessary for computing practices.
- An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
- An ability to apply design and development principles in the construction of software systems of varying complexity.

*Total Degree Requirements* **120 SH**

*Core Studies Requirements* **45-49 SH**

Core must include:

- Quantitative Literacy: MT 320 – Discrete Mathematics **3 SH**
- Natural World: a natural science course **3 SH**

*Natural Science Requirement* **8 SH**

Two natural science courses with laboratory (beyond the 3 semester hours required in the Core).

*Foundational Courses* **32 SH**

CS 202--Computational Foundations **3 SH**

CS 210--Introduction to Programming **3 SH**

CS 310--Data Structures **3 SH**

CS 324--Algorithms and Complexity **3 SH**

CS 390--Principles of Programming Language **3 SH**

CS 336--Web and Database Applications  
or

CS 338--Mobile and Enterprise Computing **3 SH**

Computer Science elective (300 or 400 level) **3 SH**

MT 360A--Calculus I **4 SH**

MT 360B--Calculus II **4 SH**

MT 472--Probability and Statistics **3 SH**

*Upper Division Requirements* **33 SH**

CS 431--Operating Systems Design and Analysis **3 SH**

CS 440--Computer Organization and Architecture **3 SH**

CS 444--Software Engineering **3 SH**

CS 464--Artificial Intelligence: Neural Networks or	
CS 473--Artificial Intelligence	3 SH
CS 475--Computation Theory	3 SH
CS 479--Ethical Leadership in Computer Science	3 SH
MT 415--Linear Algebra	3 SH
400-level mathematics course	3 SH
Concentration Electives	9 SH

Nine semester hours selected from one of the following concentrations:

*Computer Science Concentration Electives*

Nine semester hours of Computer Science electives selected from the following:

CS 417--Artificial Life	3 SH
CS 421--Data Science	3 SH
CS 433--Computer Systems Security	3 SH
CS 441--Digital Design Theory and Technologies	3 SH
CS 445--Database Management	3 SH
CS 450--Data Networks	3 SH
CS 451--Telecommunications: Applied Digital Signal Processing	3 SH
CS 462--Computer System Performance Analysis	3 SH
CS 465--UNIX Operating Systems	3 SH
CS 468--Advanced UNIX	3 SH
CS 490E-W--Independent Study in Computer Science	3 SH
CS 498E-W--Internship in Computer Science	3 SH

*Computer Engineering Concentration*

CS 441--Digital Design Theory and Technologies	3 SH
CS 451--Telecommunications: Applied Digital Signal Processing	3 SH
CS 462--Computer Systems Performance Analysis	3 SH

*Computer Information Systems Concentration*

Nine semester hours of Upper Division Computer Information Systems (CIS) course work selected in consultation with an academic advisor.

*Information Technology Concentration*

Nine semester hours of Information Technology (CIT) course work selected in consultation with an academic advisor.

<i>General Electives</i>	0 - 2 SH
If a minor is completed:	0 SH
If a minor is not completed:	2 SH

<b>Computer Science Minor (for non-majors)</b>	<b>21 SH</b>
Lower Division Requirements	9 SH
CS 202--Computational Foundations	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
<i>Upper Division Requirements</i>	<i>12 SH</i>
CS 431--Operating Systems Design and Analysis	3 SH
CS 444--Software Engineering	3 SH
Six additional upper division semester hours of Computer Science courses.	6 SH

**Combined Bachelor of Science in Computer Science and Master of Science in the School of Computer and Information Sciences**

The combined Bachelor of Science in Computer Science and Master of Science in the School of Computer and Information Sciences admit students to the Master of Science program during the junior year of their Bachelor of Science program to work towards both BSCS and MS degrees in the School of Computer and Information Sciences. The combined degree can be completed with a total of 144 semester hours and allows three graduate courses to be taken as part of the Bachelor of Science degree, early planning of the Master of Science portion of the program and more flexible and efficient course scheduling.

*Total Degree Requirements* 144 SH

*Core Studies Requirements* 45-49 SH

Core must include:

Quantitative Literacy: MT 320 – Discrete Mathematics	3 SH
Natural World: a natural science course	3 SH

*Natural Science Requirement* 8 SH

Two natural science courses with laboratory (beyond the 3 semester hours required in the Core).

*Foundational Courses* 32 SH

CS 202--Computational Foundations	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
CS 324--Algorithms and Complexity	3 SH
CS 390--Principles of Programming Language	3 SH
CS 336--Web and Database Applications or	
CS 338--Mobile and Enterprise Computing	3 SH
Graduate Level Requirement (600-level)	3 SH
MT 470A--Mathematical Statistics I	3 SH
MT 360A--Calculus I	4 SH



MT 360B--Calculus II	4 SH
<i>Upper Division Requirements</i>	<i>33 SH</i>
CS 431--Operating Systems Design and Analysis	3 SH
CS 440--Computer Organization and Architecture	3 SH
CS 444--Software Engineering	3 SH
CS 475--Computation Theory	3 SH
CS 479--Ethical Leadership in CS	3 SH
CS 464--Artificial Intelligence: Neural Networks or	
CS 473--Artificial Intelligence	3 SH
MT 415--Linear Algebra	3 SH
400-level mathematics course	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH
<i>General Electives</i>	<i>0 - 2 SH</i>
If a minor is completed:	0 SH
If a minor is not completed:	2 SH

#### **MS Degree Requirements 24 SH**

See the specific CC&IS Master of Science Degree Requirements for remaining MS degree requirements.

Eligible CC&IS graduate programs:

- Data Science
- Database Technologies
- Enterprise Systems Engineering
- Health Informatics and Information Management
- Information Assurance
- Information Technology Management

### **UNDERGRADUATE CERTIFICATE**

#### **Full Stack**

<i>Total Certificate Requirements</i>	<i>12 SH</i>
CIT 480--Web Software Development	3 SH
CIT 481--Web Frameworks	3 SH
CIT 482--Web Visualization Frameworks	3 SH
CIT 483--Web Mobile Frameworks	3 SH

### **BACHELOR OF SCIENCE OR CERTIFICATE IN HEALTH INFORMATION MANAGEMENT**

The Health Information Management (HIM) program is the only program of its kind offered in the Rocky Mountain region. The HIM program is accredited by the Commission on the Accreditation for Health Informatics and Information Management Education (CAHIIM).

The HIM program provides a convenient and accessible educational opportunity to students seeking new career opportunities. The program combines liberal arts, basic sciences, business and professional courses, with a specialization in developing management skills and applying those skills in a variety of health care settings. Students can choose from a minor in Computer Information Systems or Health Care Administration both of which allow the student to expand their knowledge in either of these areas and can complement the individual student's background.

The health information professional is an integral member of the health care team, providing comprehensive information and information systems for patient care, administrative planning, professional education, and research.

### **HIM GENERAL PROGRESSION POLICIES**

In order for progression through the Health Information Management Program to occur, students must meet the following progression policies:

1. Students must earn a grade of "C" or better in all HIM, CIS and HCA courses. Failure to do so necessitates repeating the course(s). A course may be repeated one time only with the approval of the division director. Students may repeat no more than two courses.
2. Students who earn a grade below "C" in more than two HIM, CIS and HCA courses may not progress in the program.
3. If a student has been granted one or more grades of Incomplete in a given academic period, any request for a grade of Incomplete in any subsequent academic period must be authorized by the student's academic advisor prior to a written request for Incomplete to the instructor(s).
4. Students must maintain at least a 2.500 cumulative grade point average.

### **HIM PROGRAM POLICIES**

- HIM students may challenge (by exam) any Junior-level professional course (HSC 310 through HIM 350) for which a challenge examination is available.
- HIM students with a prior baccalaureate degree may choose the HIM Certificate Option. Completion of courses in this option qualifies students to take the national registration examination.
- HIM classes are available on weekends and online.

- Students can choose from a minor in Computer Information Systems or Health Care Administration both of which allow the student to expand their knowledge in either of these areas and can complement the individual student's background.
- To graduate, students must have at least a 2.500 cumulative grade point average.
- Students are responsible for monitoring progress toward completion of degree requirements including the 120 semester hour requirement. Each student is assigned a faculty advisor for academic advising and assistance.
- Students enrolled in the HIM Program must complete the Regis Health History form and provide documentation of current immunizations.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 48-49 SH

Oral and Written Communication 9 SH

Engagement with Literature and the Arts 6 SH

Language and Global Awareness 6 SH

Understanding Human Behavior, Diversity, and Culture 6 SH

HCA 432A--Leading Effective Organizations I(required)

Quantitative Literature 3-4SH

MT 274 Introduction to Statistics for Healthcare Professionals (required)

The Natural World 3 SH

HSC 240 Fundamentals Anatomy & Physiology (required)

Philosophical Inquiry 6 SH

HCE 435 Ethics in Healthcare (required)

Exploring Religious Traditions 6 SH

*Departmental Requirements* 9 SH

HSC 310--Medical Terminology 3 SH

CIS 206--Business Software Applications or equivalent in past 7 years 3 SH

CIS 313--Introduction to Database Concepts 3 SH

*Major Course requirements* 42 SH

HIM 313--Introduction to Health Information Management 3 SH

HIM 320--Human Disease and Pharmacology 3 SH

HIM 350--Disease Classification Systems 3 SH

HIM 385--Directed Practice 3 SH

HIM 415--HIM: Data Systems and Structures 3 SH

HIM 430--Fundamentals of Law for HI&IM 3 SH

HIM 435--Design and Selection of IT Systems in Health Care 3 SH

HIM 445--Management of E-HIM and Information Governance 3 SH

HIM 450--Health Care Informatics & Information Systems 3 SH

HIM 451--Reimbursement Management in Health Care Settings 3 SH

HIM 460--Health Statistics and Research Methods 3 SH

HIM 470--Organizational Management 3 SH

HIM 480--Administration of Health Information Management Services 3 SH

HIM 485--Management Practicum 3 SH

*Student must select one of the following minors:*

*Health Care Administration Minor Requirements* 12 SH

HCA 452--Human Resource Management in Health Care Settings 3 SH

HCA 458-- Project Management in the Health Care Sector 3 SH

Two courses selected from the following:

HCA 408--The Politics of Health 3 SH

HCA 413--Fundamentals of Managed Care 3 SH

HCA 420--Marketing and Public Relations in Health Care Settings 3 SH

HCA 428--Health Care Economics 3 SH

*Computer Information Systems (CIS) Minor Requirements* 12 SH

CIS 445--Database Management (pre-requisite CIS 313) 3 SH

CIS 455--Management Information Systems 3 SH

CIS 448-- Project Management 3 SH

CIS 461--Business Analytics 3 SH

*General Electives* 12 SH

## CERTIFICATE IN HEALTH INFORMATION MANAGEMENT

*Total Certificate Requirements* 54 SH

*Recommended Pre-Requisites* 3 SH

MT 274--Introduction to Statistics for Health Professions 3 SH

*Required Courses* 12 SH

HSC 240--Fundamentals of Anatomy and Physiology 3 SH

HSC 310--Medical Terminology 3 SH

CIS 313--Introduction to Database Concepts 3 SH

<i>Professional Requirements</i>	45 SH
HIM 313--Introduction to Health Information Management	3 SH
HIM 320--Human Disease and Pharmacology	3 SH
HIM 350--Disease Classification Systems	3 SH
HIM 385--Directed Practice	3 SH
HIM 415--HIM: Data Systems and Structures	3 SH
HIM 430--Fundamentals of Law for HI&IM	3 SH
HIM 435--Design and Selection of IT systems in Healthcare	3 SH
HIM 445--Management of E-HIM and Information Governance	3 SH
HIM 450--Health Care Information Systems	3 SH
HIM 451--Reimbursement Management in Health Care Settings	3 SH
HIM 460--Health Statistics and Research Methods	3 SH
HIM 470--Organizational Management	3 SH
HIM 480--Administration of Health Information Management Services	3 SH
HIM 485--Management Practicum	3 SH
HCA 458--Project Management in the Health Care Sector	3 SH
or	
CIS 448--Project Management	3 SH

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

The Information Technology degree prepares students for careers in information technology emphasizing enterprise systems and networks, systems engineering and administration, information assurance, and cyber security. Course and laboratory work offers students the means to achieve recognized mastery of computer information technology concepts and their application to real-world problems.

### Program Student Outcomes

The B.S. in Information Technology program (within the School of Computer & Information Sciences) enables students to achieve the following program outcomes by the time of graduation:

- Apply knowledge of computing and mathematics appropriate to the discipline.
- Analyze a problem, and identify and define the computing requirements appropriate to its solution.
- Design, implement and evaluate a computer-based system, process, component, or program to meet desired needs.
- Identifies, collaborates effectively, and shares information with team members to set and meet team performance goals.

- Explain the professional, ethical, legal, and social issues and responsibilities relevant to the discipline.
- Communicate with different organization stakeholders using effective communication and decision-making skills.
- Analyze the local and global impact of information on individuals, organizations, and society.
- Maintain technical competency in the face of rapid changes in the discipline.
- Apply design principals, tools, and techniques to the modeling, design, and operation of organizational information systems.
- Use and apply current technical concepts and practices in the core information technologies of human computer interaction, information management, programming and web systems and technologies.
- Identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of information systems.
- Effectively integrate IT-based solutions into the user environment.
- Identify best practices and standards and their application.
- Assist in the creation of an effective project plan.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 45-49 SH

*MT 201--College Algebra required in the Core*

*Foundational Courses* 30 SH

CIS 318--Ethics for the Information Technology Professional 3 SH

CIS 325--System Analysis and Design 3 SH

CIT 311--Enterprise System Architecture 3 SH

CIT 316--Network Infrastructure 3 SH

CIT 330--Foundations of Cyber Security 3 SH

CIT 331--Fundamentals of Security Management 3 SH

CS 210--Introduction to Programming 3 SH

CS 310--Data Structures 3 SH

CS 336--Web and Database Applications 3 SH

MT 270--Introduction to Statistics 3 SH

*Upper Division Requirements* 30 SH

CIS 448-- Project Management 3 SH

CIS 445--Database Management 3 SH

CIT 411--Human Computer Interaction 3 SH

CIT 435--Cyber Forensics 3 SH

CIT 452--Systems Administration 3 SH

CIT 466--IT Audit and Risk Management 3 SH

CIT 478--Management of Enterprise Networks	3 SH
CIT 493--Senior Capstone	3 SH
Six upper division semester hours of Information Technology electives selected from the following:	
CIS 455--Management Information Systems	3 SH
CIS 464--Enterprise Systems	3 SH
CIS 465--IS Strategy Management and Acquisition	3 SH
CIT 444--Wireless Networks	3 SH
CIT 462--Ethical Hacking and Defense	3 SH
CIT 463--Cyber Crime and IT Compliance	3 SH
<i>Minor (Optional)</i>	<i>0 or 12 SH</i>
<i>General Electives</i>	<i>0 - 15 SH</i>
If a minor is completed:	0 - 3 SH
If a minor is not completed:	11 - 15 SH

### Combined Bachelor of Science in Information Technology and Master of Science in the College of Computer and Information Sciences

The combined Bachelor of Science in Information Technology and Master of Science in the College of Computer and Information Sciences admit students to a Master of Science program during the junior year of their Bachelor of Science program to work towards both BSIT and MS degrees in the College of Computer and Information Sciences. The combined degree can be completed with a total of 144 semester hours and allows three graduate courses to be taken as part of the Bachelor of Science degree, early planning of the Master of Science portion of the program and more flexible and efficient course scheduling.

<i>Total Degree Requirements</i>	<i>144 SH</i>
<i>Core Studies Requirements</i>	<i>45-49 SH</i>
Required: MT 201--College Algebra	
<i>Foundational Courses</i>	<i>30 SH</i>
CIS 318--Ethics for the Information Technology Professional	3 SH
CIS 325--Systems Analysis and Design	3 SH
CIT 311--Enterprise Systems Architecture	3 SH
CIT 316--Networking Infrastructure	3 SH
CIT 330--Foundations of Cyber E-Security I	3 SH
CIT 331--Fundamentals of E-Security Management II	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
CS 336--Web and Database Applications	3 SH

MT 270--Introduction to Statistics	3 SH
<i>Graduate and Upper Division Requirements</i>	<i>36 SH</i>
CIS 448--Project Management	3 SH
CIS 445--Database Management	3 SH
CIT 411--Human Computer Interaction	3 SH
CIT 435--Cyber Forensics	3 SH
CIT 452--Systems Administration	3 SH
CIT 466--IT Audit and Risk Management	3 SH
CIT 478--Management of Enterprise Networks	3 SH
MSCC 697--Information Technology Research Methods	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH
Graduate Level Requirement (600-level)	3 SH

Three upper division semester hours of Information Technology electives selected from the following:

CIS 455--Management Information Systems	3 SH
CIS 464--Enterprise Systems	3 SH
CIS 465--IS Strategy Management and Acquisition	3 SH
CIT 444--Wireless Networks	3 SH
CIT 462--Ethical Hacking and Defense	3 SH
CIT 463--Cyber Crime and IT Compliance	3 SH
<i>Minor (Optional)</i>	<i>0 or 12 SH</i>
<i>General Electives:</i>	<i>0 - 9 SH</i>
If a minor is completed:	0 SH
If a minor is not completed:	5 - 9 SH

### MS Degree Requirements **24 SH**

See the specific CC&IS Master of Science Degree Requirements for remaining MS degree requirements.

CC&IS graduate programs:

- Data Science
- Database Technologies
- Enterprise Systems Engineering
- Health Informatics and Information Management
- Information Assurance
- Information Technology Management
- Software Engineering
- Software Engineering and Database Technologies

## MASTER OF SCIENCE DEGREES

The School of Computer and Information Sciences focuses on the integration of management and the technological challenges of information resources. The Master of Science program is designed for the working computer information professional or the professional in any industry who needs to gain computer and information knowledge in order to achieve business goals. Students have the opportunity to focus their study in one of the following degree areas:

- Data Science
- Database Technologies
- Enterprise Systems Engineering
- Health Care Informatics and Information Management
- Information Assurance
- Information Technology Management
- Software Engineering
- Software Engineering and Database Technologies

The current and future needs of computer information professionals are addressed by providing curriculum with a solid foundation in computer hardware and software, systems engineering, computer networking, communications and project/team skills for the rapidly changing computer environment. School of Computer & Information Sciences faculty work full-time in the industry, contributing a wealth of experience and knowledge to the classroom. Additionally, faculty members have considerable teaching experience with adult learners.

## GRADUATE PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Computer & Information Science tuition (per semester hour)	\$750
Health Information Management	\$675
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees, and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and fulfill its role and mission.

## COMPUTER REQUIREMENT

All students are expected to have ready access to a personal computer with word processing, spreadsheet, graphics/presentation software, a microphone, a webcam, speakers, and Internet connectivity. Microsoft Office Suite is recommended, available for admitted students to download from Regis' ITS Help Center and available on all campus lab computers. Selected courses may be enhanced with the use of

e-mail and other distance learning technologies to communicate and exchange learning materials.

## STUDENT ADVISING

Students are assigned an academic advisor upon admission to the program. Advisors counsel students on meeting the requirements for the graduate program; however, it is the student's responsibility to schedule advising discussions and to complete all degree requirements.

## COURSE OVERLOAD

The Master of Science degree consists of 12 courses. Students may take three courses (nine semester hours) in any semester (there are two academic periods per semester), as long as all prerequisites are met. To take four courses (12 semester hours) during any semester (considered an overload) requires prior approval of the Associate Dean. Students may not take more than two courses per academic period. Overload is not permitted until the fourth course. Ordinarily, only students with a minimum cumulative grade point average of 3.500 and no grades of Incomplete are eligible for an overload. Graduate Overload forms may be obtained from the College of Computer & Information Sciences. The upper portion of the form is to be completed by students and submitted to the College of Computer & Information Sciences at least 30 days prior to registering for the course. Students receive written approval or denial of this request. Requests to take three graduate courses during one academic period are not approved.

## DEGREE COMPLETION REQUIREMENTS

The degree completion process is designed to have students apply their course work to a meaningful, broad reaching effort. Students can choose from up to three different options; including a Graduate Capstone, a two course Practicum, or an applied research Thesis. A range of flexibility is provided regarding what the study can involve. Each evaluation option provides students with a comprehensive mechanism for applying the knowledge from their program of study to define and solve a real world problem.

### *Graduate Capstone:*

The Graduate Capstone is a team project effort. Students are assigned to teams, and the project (a scenario based on a real company or organization) is determined by the instructor. Working together the team defines a problem and designs a solution. This team effort requires both team collaboration and individual contributions, which are presented in written and real time presentation formats. Teams present solutions to a faculty panel. Individuals are graded on their team and individual contributions. The Capstone requires synchronous participation by all students.

### *Practicum:*

Each graduate program provides a practicum to satisfy the degree requirements. The practicum for each degree consists of two courses in which students use their program knowledge to develop systems and/or provide operational support.

Students prepare a final report and present to a faculty panel. Practicum details vary based on the program. Note that the practicum does not require an extra class for the degree. The first practicum course counts as one of the degree elective courses.

#### *Thesis:*

The thesis is designed to have students apply their course work to a meaningful, broad reaching investigation. The study should be of interest to the student from both a professional and academic viewpoint. A range of flexibility is provided regarding what the study can involve. The student selects a primary faculty advisor based on the faculty's knowledge of and/or interest in the subject matter focus on the student's project.

The paper that is produced by the student is an academically rigorous analysis of the student's study and should be on average between 40-100 pages of text that include illustrations, diagrams, etc. The paper is published electronically in the Regis University Library, therefore, information in the paper must be publishable.

The presentation of the paper and study takes the student approximately 30-45 minutes followed by a 15-20 minute question and answer period from a faculty panel.

Enrollment in a thesis course requires academic advisor and instructor approval.

## GRADUATION

Students graduate the semester that all requirements are met and documentation of such is received in the Office of Academic Records and Registration by the designated deadline. Graduation requirements include:

- Satisfactory completion of required academic coursework.
- A minimum cumulative grade point average of 3.000.
- Satisfactory completion of a master's project.

Incomplete grades, falling below the required cumulative grade point average, late application for graduation, or late receipt of transcripts of transfer credit may delay graduation and awarding of the degree to a subsequent semester.

For additional information on Commencement and Graduation, refer to the General Information section of this Catalog.

## CROSS REGISTRATION

College of Computer & Information Sciences policy provides students with the opportunity to transfer up to six credit hours of graduate course work into the student degree plan. Generally, this policy is used to accept course work completed prior to admission into the program. However, under special circumstances, students have the opportunity to complete work in other Regis graduate programs while enrolled in the College of Computer & Information Sciences and receive credit for the courses toward degree requirements.

To register for non-College of Computer & Information Sciences courses, a student must meet all requirements of the program whose course work is taken. Suitability of course

work from other Regis graduate programs for College of Computer & Information Sciences credit depends on several factors: relevance of the course to the students' needs and goals; compatibility of the course with the College of Computer & Information Sciences mission and goals; fit of the course into the requirements of a student's field of emphasis; and suitability of the course for credit in the area of Computer and Information Sciences. Approval for transfers under this policy must be obtained from the student's academic advisor prior to registration.

Students enrolled in other Regis University graduate programs and in good standing may register for College of Computer & Information Sciences courses, either classroom-based or online. To do so the student must have approval from his/her academic advisor in the program in which the student is currently enrolled and obtain written approval from the appropriate College of Computer & Information Sciences department chair.

Courses eligible for cross registration include all College of Computer & Information Sciences courses for which there is no prerequisite requirement. If a student wishes to enroll in a course for which one or more prerequisite courses exist, the student must satisfy all prerequisite requirements before he/she will be permitted to enroll. Permission to enroll in courses does not guarantee that the course can be transferred to the student's primary degree program.

## DEGREE REQUIREMENTS

The College of Computer & Information Sciences degree requires the successful completion of a total of 36 semester hours of graduate courses (600-level). Students can complete the program in two years while working full-time.

### Prerequisite Requirements

Prior knowledge in programming, systems analysis and database applications or successful completion of specified courses are necessary before enrolling in College of Computer & Information Sciences graduate level courses.

NOTE: Prerequisite courses are not calculated into degree requirements and vary by degree program.

## MASTER OF SCIENCE – DATA SCIENCE

### Program Description

How one communicates, socializes, spends leisure time, and conducts business has moved to the Internet. This has resulted in an explosion of data that is changing the world. How one uses this data is now a societal concern. Emboldened by our Jesuit heritage, Regis University's Master of Science in Data Science degree program empowers students to develop techniques for the discovery of information in data in a socially responsible manner.

The MS in Data Science program outcomes are as follows

- Describe data science as a discipline of study and explain its methodologies.



- Assemble various data stores in preparation for data analysis.
- Evaluate the utility of data stores for applied data analysis problems.
- Use statistical methods and experimental design to construct data experiments.
- Formulate techniques for the generalization of knowledge from data.
- Create data products (visualizations and infographics) that explain data and its analysis.
- Judge data science projects for their ethical concerns.
- Appraise data science projects that contribute to the social good of society.

*Degree Requirements* 18 SH

MSDS 600--Introduction to Data Science	3 SH
MSDS 610--Data Engineering	3 SH
MSDS 640--Ethics, Privacy, and Social Justice	3 SH
MSDS 650--Data Analytics	3 SH
MSDS 660--Statistical Methods and Experimental Design	3 SH
MSCC 697--Information Technology Research Methods	3 SH

*Degree Electives* 12 SH

Twelve semester hours selected from the following:

MSDS 620--Data Collection and Preparation	3 SH
MSDS 630--Big Data Design Patterns	3 SH
MSDS 662--Exploratory Data Analysis	3 SH
MSDS 664--Statistical Inference and Predictive Analytics	3 SH
MSDS 670--Data Visualization	3 SH
MSDS 672--Visualization with Open Source Tools	3 SH
MSDS 680--Machine Learning	3 SH
MSDS 682--Text Analytics	3 SH
MSDS 684--Optimal Decision Making	3 SH

*Degree Completion Requirement* 6 SH

MSDS 692--Data Science Practicum I	3 SH
MSDS 696--Data Science Practicum II	3 SH

## MASTER OF SCIENCE - DATABASE TECHNOLOGIES

### Program Outcomes

The DBT Program outcomes are designed to help students build a body of knowledge that will enable them to take on leadership positions with respect to information Technologies in their organizations. Outcomes span leadership, ethical decision making, critical thinking, and the maintenance of

technological competency. The outcomes were designed to fully support the Regis Nine objectives.

- Administer databases using SQL and current database management tools.
- Develop database software applications using SQL and current software development tools.
- Demonstrate an ability to explain, analyze, and evaluate knowledge sources for Database Technologies.
- Analyze business requirements and design database architectures for enterprise systems.
- Implement and evaluate database solutions for enterprise systems.
- Optimize operational database configurations using performance-tuning for database effectiveness and sustainability while supporting the needs of an organization.
- Demonstrate the ability to provide leadership across multiple disciplines with respect to aligning Technologies to organizational objectives.
- Demonstrate the ability to maintain technological competence in the face of rapid changes in database technologies and the field of information Technologies.

*Graduate Prerequisite Requirements*

MSC 505--System Analysis and Architecture	3 SH
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*Core Requirements* 9 SH

MSCC 610--Information Technology Concepts	3 SH
MSCC 630--Enterprise Architecture	3 SH
MSCC 697--Information Technology Research Methods	3 SH

*Degree Requirements* 6 SH

MSCD 600--Database Architecture	3 SH
MSCD 664--Introduction to NoSQL Databases	3 SH

*Degree Electives* 9 SH

Nine semester hours selected from the following:

MSCD 610--Database Concepts	3 SH
MSCD 640--Oracle® Database Administration	3 SH
MSCD 642--Database Backup and Recovery	3 SH
MSCD 644--Database Performance Tuning	3 SH
MSCD 650--PL/SQL Programming	3 SH
MSCD 661--Business Intelligence and Analytics	3 SH
MSCD 664--Introduction to NoSQL Databases	3 SH
MSCD 665--NoSQL Database Concepts Using Cassandra	3 SH
MSCD 667--NoSQL Database Concepts Using MongoDB	3 SH

MSCD 668--NoSQL Database Concepts Using Neo4j	3 SH
MSCD 675--Database Technologies and Service Oriented Architecture	3 SH
MSCD 681--Data Warehouse Design	3 SH
MSCD 692--Database Practicum I	3 SH
<i>General Electives</i>	9 SH
Nine semester hours of any CC&IS 600-level courses.	
<i>Degree Completion Requirement</i>	3 SH
Three semester hours selected from the following:	
MSCD 693--Graduate Capstone	3 SH
MSCD 696--Database Practicum II	3 SH

## MASTER OF SCIENCE – ENTERPRISE SYSTEMS ENGINEERING

### Program Outcomes

The MS in Enterprise Systems Engineering Program outcomes are designed to help students build a body of knowledge that will enable them to take on senior technical lead and architecture roles with respect to information technology in their organizations. Outcomes span technology skills, systems theory and thinking, analysis and design skills, management skills, and the ongoing maintenance of technological competency. The MS in Enterprise Systems Engineering Program will develop graduates who will:

- Use systems thinking to evaluate and utilize enterprise system resources to enable organizational goals.
- Reconcile conflicting client requirements within the relevant system and client constraints using systems thinking techniques.
- Apply system lifecycle models to enterprise resources.
- Analyze risks associated with use of enterprise systems technologies and information resources.
- Apply current security and information assurance processes, techniques, and tools to protect enterprise assets.
- Evaluate systems for their total cost of ownership (TCO).
- Analyze enterprise processes and model them using modern process modeling techniques, including flow charts and data flow diagrams.
- Evaluate networking and system interactions for efficiency and their impact on the organization.
- Communicate systems information to other enterprise system stakeholders.
- Display leadership capabilities and contribute to the effectiveness of a multi-disciplinary team.
- Apply professional ethics in decision-making and engineering practice.

<i>Graduate Core Requirements</i>	9 SH
MSCC 610--Information Technology Concepts	3 SH
MSCC 630--Enterprise Architecture	3 SH
MSCC 697--Information Technology Research Methods	3 SH
<i>Degree Requirements</i>	15 SH
MSES 602--Introduction to DevOps	3 SH
MSES 612--Fundamentals of Systems Engineering*	3 SH
MSES 614--Systems Architecture and Design*	3 SH
MSES 618--Continuous Integration*	3 SH
MSCI 680--Information Technology Project Management	3 SH
*MSES 612, MSES 614 and MSES 618 must be completed in order.	

<i>Degree Electives</i>	9 SH
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Nine semester hours selected from the following:

MSES 622--Requirement Engineering	3 SH
MSES 642--Deploying and Managing a Cloud Infrastructure	3 SH
MSES 692--System Engineering Practicum I	3 SH
MSCD 600--Database Architecture	3 SH
MSIA 674--Planning and Implementing Architecture Security	3 SH
<i>Degree Completion Requirement</i>	3 SH
Three semester hours selected from the following:	
MSCC 693--Graduate Capstone	3 SH
MSES 696--System Engineering Practicum II	3 SH

## MASTER OF SCIENCE - HEALTH CARE INFORMATICS AND INFORMATION MANAGEMENT

### Program Description

The Master of Science in Health Care Informatics and Information Management degree prepares graduates for a variety of roles in health care organizations in roles that specifically deal with health information technology and managing electronic data and information. Employment settings include hospitals, other health care facilities, medical group practices, health care management companies, state and federal agencies, insurance and managed care companies, technology firms, computer vendors, health data exchanges and educational institutions.

The curriculum, offered in an online format, is designed to build on an undergraduate foundation in health care management, health information management and health care technology. With minimal introductory content, the curriculum contains a challenging healthcare informatics core with additional courses in managing e-HIM, system security and ethical issues in health information technology. The curriculum makes extensive use of

case studies and applied projects. One elective course allows individual students to select a specific area of interest and expertise. With prior approval, courses may also be taken from other graduate programs at Regis University including any Master of Science in Information Technology or Business Technology Management in the College of Business and Economics. Courses are designed specifically to advance the implementation and use of health care technology and digital information in the health care sector.

### Program Progression

Candidacy for the Master of Science in Health Care Informatics and Information Management degree at Regis University requires successful completion of course requirements and a master's project. The 36 semester hour program may be completed in 18 months of full-time study.

There is a four year time limit for completion of all degree requirements. This time limit is computed from the time of matriculation. If students wish to complete the degree after the time limit has expired, readmission to the program is required and new program requirements may be in effect. In order for progression through the program to occur, students must meet the following grade requirements:

- Candidates must maintain a minimum 3.000 (B) cumulative grade point average.
- No grade may be lower than "C", regardless of grade point average. A grade lower than "C" is not counted toward graduation but is included in the student's cumulative grade point average.
- Graduate students who receive the grade "C-" or lower for a 600-level course must repeat the course for a higher grade.
- Students may not enroll in the HIIM Capstone course (HCI 680) with a grade point average less than a 3.000.

*The following prerequisite may apply:*

HSA 610--Health Care Delivery Systems	3 SH
<i>Total Degree Requirements</i>	<i>36 SH</i>
HCI 600--Information Systems Concepts	3 SH
HCI 625--Workflow and Change Management in Adoption of Health IT	3 SH
HCI 635--Design and Selection of IT Systems in Health Care	3 SH
HCI 645--Management of e-HIM	3 SH
HCI 650--Health Care Informatics and Information Management In Health Care Settings *	3 SH
HCI 680--Capstone: Applied Research Project	3 SH
HSA 658-- Project Management in the Health Care Sector*	3 SH
MSCI 610--Ethics in Information Technology	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH

MSCD 600--Data Architecture	3 SH
MSCD 661--Business Intelligence	3 SH
Elective--HSA, HCI, MSCC	3 SH

\* Students progressing from HIM/HCA undergrad or those who graduated after May 2007 may use these courses to waive graduate requirements to total 30-36 hours.

## MASTER OF SCIENCE - INFORMATION ASSURANCE

### Program Outcomes

The IA Program outcomes are designed to help students build a body of knowledge that will enable them to take on leadership positions either in the management of strategic or tactical cybersecurity operations or information assurance policy. Outcomes span leadership, ethical decision-making, critical thinking, and the maintenance of technological competency. The outcomes were designed to fully support the Regis Nine objectives.

- Demonstrate an ability to explain, analyze and evaluate the Information Assurance domain knowledge contained in the National Initiative for Cyber Security Education.
- Critically apply the use of current tools that support policy management and cybersecurity applications for Enterprise Information Assurance.
- Analyze and design information assurance architectures and security frameworks for compliance with regulatory organizational requirements.
- Implement and evaluate Information Assurance technology solutions for enterprise systems.
- Evaluate the impact of operational security technologies for their effectiveness, maintenance and sustainability to support the requirements of an organization.
- Demonstrate the ability to maintain technological competence in the face of rapid changes in Information Assurance and the domain of information technology systems.

### Graduate Prerequisite Requirement

MSC 505--System Analysis and Architecture	3 SH
<i>Total Degree Requirements</i>	<i>36 SH</i>
MSCC 610--Information Technology Concepts	3 SH
MSCC 630--Enterprise Architecture	3 SH
MSCC 697--Information Technology Research Methods	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH
MSIA 678--Risk Management	3 SH

Nine semester hours selected from one of the following three options:

**Cyber Security Specialization 18 SH**

## Required Courses:

MSIA 605--Advancing to Cyber Security 3 SH

MSIA 675--Offensive Cyber Security 3 SH

MSIA 680--Computer Forensics 3 SH

Nine semester hours selected from the following:

MSIA 673--Legal Basics in Cyber and Information Security 3 SH

MSIA 682--Network Forensics 3 SH

MSIA 683--Advanced Forensics 3 SH

MSIA 685--Malware Analysis and Response 3 SH

MSIA 692--Information Assurance Practicum I 3 SH

**Information Assurance Policy Management Specialization 18 SH**

## Required Courses

MSIA 670--Enterprise Information Assurance 3 SH

MSIA 673--Legal Basics in Cyber and Information Security 3 SH

MSIA 674--Planning and Implementing Architecture Security 3 SH

Nine semester hours selected from the following:

MSIA 605--Advancing to Cyber Security 3 SH

MSIA 675--Planning and Implementing Architecture Security 3 SH

MSIA 684--IT Auditing 3 SH

MSIA 692--Information Assurance Practicum I 3 SH

600-level CC&amp;IS course or other approved program Course 3 SH

**No Specialization 18 SH**

## Required Courses:

MSIA 605--Advancing to Cyber Security 3 SH

MSIA 673--Legal Basics in Cyber and Information Security 3 SH

MSIA 675--Offensive Cyber Security 3 SH

Nine semester hours selected from the following:

Any 600-level CC &amp; IS or approved program course 9 SH

*Degree Completion Requirement* 3 SH

Three semester hours selected from the following:

MSCC 693--Graduate Capstone 3 SH

MSCC 698--Graduate Thesis 3 SH

MSIA 696--Information Assurance Practicum II 3 SH

**MASTER OF SCIENCE - INFORMATION TECHNOLOGY MANAGEMENT****Program Outcomes**

The ITM Program outcomes are designed to help students build a body of knowledge that will enable them to take on leadership positions with respect to information technology in their organizations. Outcomes span leadership, ethical decision making, critical thinking, and the maintenance of technological competency. The outcomes, listed below, were designed to fully support the Regis Nine objectives.

- Articulate the impact of information technology on organizational effectiveness.
- Demonstrate the ability to explain, analyze, and evaluate the organizational impact of information technology.
- Leverage information technology to address organizational strategy.
- Demonstrate the ability to create business value through information technology.
- Demonstrate the ability to provide leadership across multiple disciplines with respect to aligning technology to organizational objectives.
- Articulate the value to interact effectively with executive management as a strategic partner.
- Identify ethical dilemmas related to information technology and develop action plans to address dilemmas.
- Demonstrate the ability to maintain technological leadership in the face of rapid changes in the field of information technology.

*Prerequisite Requirements**Graduate Prerequisite Requirements*

MSC 505--System Analysis and Architecture 3 SH

*Graduate Core Requirements* 9 SH

MSCC 610--Information Technology Concepts 3 SH

MSCC 630--Enterprise Architecture 3 SH

MSCC 697--Information Technology Research Methods 3 SH

*Degree Requirements* 12 SH

MSCI 600--Strategic Information Technology 3 SH

MSCI 610--Ethics in Information Technology 3 SH

MSCI 680--Information Technology Project Management 3 SH

MSCI 685--Emerging Technologies 3 SH

*Degree Electives* 3 SH

Three semester hours selected from the following:

MSCI 615--Business Process Engineering 3 SH

MSCI 625--Supply Chain Management 3 SH

MSCI 630--Knowledge Management 3 SH

MSCI 640--Enterprise Technology Management	3 SH
MSCI 660--Global E-Business	3 SH
MSCI 681 --Enterprise Project Systems	3 SH
MSCI 682--Agile Systems Development	3 SH
MSCI 692--Information Technology Management Practicum I	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH

Nine semester hours selected from one of the following nine options:

#### **Agile Technologies**

MSCI 680--Information Technology Project Management	3 SH
MSCI 682--Agile Systems Development	3 SH
MSSE 610--Software Requirements and Processes or MSSE 640--Software Quality and Test	3 SH

#### **Cybersecurity**

MSIA 670--Enterprise Information Assurance	3SH
MSIA 672--Managing a Secure Enterprise	3 SH
MSIA 680--Computer Forensics or MSIA 682--Network Forensics	3 SH

#### **Database Administration**

MSCD 600--Database Architecture	3 SH
MSCD 610--Database Concepts	3 SH
MSCD 640--Oracle Database Administration	3 SH

#### **Database Design**

MSCD 600--Strategic Information Technology	3 SH
MSCD 610--Database Concepts	3 SH
MSCD 650--PL/SQL Programming	3 SH

#### **Data Science**

MSDS 600--Introduction to Data Science	3 SH
MSDS 610--Data Engineering	3 SH
MSDS 650--Data Analytics	3 SH

#### **Enterprise Resources Planning**

MSCI 615--Business Process Engineering	3 SH
MSCI 625--Supply Chain Management	3 SH
MSCI 640--Enterprise Technology Management	3 SH
MSCI 681 --Enterprise Project Systems	3 SH

#### **Healthcare Informatics**

HCI 625--Workflow and Change Management in Adoption of Health Information Technology	3 SH
HCI 635--Design and Selection of IT Systems In Health Care	3 SH
HCI 650--Health Care Informatics and Information Management In Health Care Settings	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH

#### **Information Assurance Policy Management**

MSIA 670--Enterprise Information Assurance	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH
MSIA 674--Planning, Implementing Architecture Security	3 SH
MSIA 678--Risk Management	3 SH

#### **Software Engineering**

MSSE 600--Object-Oriented Software Engineering	3 SH
MSSE 610--Software Requirements and Processes	3 SH
MSSE 640--Software Quality and Test	3 SH
<i>Degree Completion Requirement</i>	3 SH

Three semester hours selected from the following:

MSCC 693--Graduate Capstone	3 SH
MSCC 698--Graduate Thesis	3 SH
MSCI 696--Information Technology Management Practicum II	3 SH

## **MASTER OF SCIENCE – SOFTWARE ENGINEERING**

#### **Program Outcomes**

The Software Engineering program outcomes are designed to help students build a body of knowledge that will enable them to take on leadership positions with respect to information technology in their organizations. Outcomes span leadership, ethical decision making, critical thinking, and the maintenance of technological competency. The outcomes were designed to fully support the Regis Nine objectives.

- Demonstrate an ability to explain, analyze, and evaluate the knowledge areas in the Software Engineering Body of Knowledge.
- Show the ability to use current software engineering tools that support enterprise software development.
- Analyze and design software application architectures for software solutions.
- Implement and evaluate software solutions for enterprise software systems.
- Compare and evaluate software technologies for their effectiveness and sustainability in supporting the needs of an organization.

- Demonstrate the ability to maintain technological competence in the face of rapid changes in software development technologies and the field of information technology.

#### *Graduate Prerequisite Requirements*

MSSE 500--Foundations of Programming through Game Development 3 SH

*Graduate Core Requirements* 9 SH

MSCC 610--Information Technology Concepts 3 SH

MSCC 630--Enterprise Architecture 3 SH

MSCC 697--Information Technology Research Methods 3 SH

*Degree Requirement* 3 SH

MSSE 600--Object-Oriented Software Engineering 3 SH

*Degree Electives* 12 SH

Twelve semester hours selected from the following:

MSSE 610--Software Requirements and Processes 3 SH

MSSE 661 Web Software Development 3 SH

MSSE 663 Web Frameworks 3 SH

MSSE 665 Web Visualization Frameworks 3 SH

MSSE 667 Web Mobile Frameworks 3 SH

MSSE 640--Software Quality and Test 3 SH

MSSE 642--Software Assurance 3 SH

MSSE 650--iOS Software Development 3 SH

MSSE 652--Enterprise iOS Software Development 3 SH

MSSE 655--Android Software Development 3 SH

MSSE 657--Enterprise Android Software Development 3 SH

MSSE 670--Java Software Development 3 SH

MSSE 672--Advanced Java Software Development 3 SH

MSSE 674--Enterprise Java Software Development 3 SH

MSSE 676--Advanced Enterprise Java Software Development 3 SH

MSSE 680--C# Software Development 3 SH

MSSE 682--Enterprise C# Software Development 3 SH

MSSE 692--Software Engineering Practicum I 3 SH

MCT 620--Distributed Systems 3 SH

MCT 621--Artificial Intelligence 3 SH

MCT 622--Real-Time Systems 3 SH

MCT 623--Graphics Programming 3 SH

*General Electives* 9 SH

Nine semester hours of any CC&IS 600-level courses.

*Degree Completion Requirement* 3 SH

Three semester hours selected from the following:

MSCC 693--Graduate Capstone 3 SH

MSCC 698--Graduate Thesis 3 SH

MSSE 696--Software Engineering Practicum II 3 SH

## MASTER OF SCIENCE – SOFTWARE ENGINEERING AND DATABASE TECHNOLOGIES (ONLINE ONLY)

Joint program with Regis University and National University of Ireland, Galway

### **Program Outcomes**

The MScSED program is designed to engage learners in application-centric and problem-based learning contexts in the domains of database technologies, software engineering, and software design and development. Program outcomes span leadership, ethical decision making, critical thinking, and maintenance of technological competency. The outcomes were designed to fully support the Regis Nine objectives.

- Administer databases using current database management tools.
- Design, implement and evaluate database solutions.
- Design, develop and evaluate database and software applications using current development tools.
- Architect database and software systems using modern software engineering methodologies.
- Demonstrate the ability to take on leadership roles to make a positive impact on society in the face of rapidly changing technology.
- Demonstrate an ability to explain, analyze, and evaluate knowledge sources for database technologies and software engineering.
- Conduct and disseminate research in the topics of software engineering, database technologies, and/or applied computing.
- Demonstrate the ability to maintain technological competence in the face of rapid changes in the field of information technology.
- Demonstrate an awareness of international culture in the fields of software engineering and database technologies.

*Required Courses* 15 SH

MCT 609--Fundamentals of Programming

or

MCT 619--Object Oriented Programming 3 SH

MCT 610--Software Engineering 3 SH

MCT 611--Computer Architecture and Operating Systems 3 SH

MSCD 600--Database Architecture	3 SH
MSCD 664--Introduction to NoSQL Databases	3 SH
Six semester selected from the following:	
MSCD 610--Database Concepts	3 SH
MSCD 640--Oracle Database Administration	3 SH
MSCD 642--Database Backup and Recovery	3 SH
MSCD 644--Database Performance Tuning	3 SH
MSCD 650--PL/SQL Programming	3 SH
MSCD 665--NoSQL Database Concepts Using Cassandra	3 SH
MSCD 667--NoSQL Database Concepts Using MongoDB	3 SH
MSCD 668--NoSQL Database Concepts Using NEO4j	3 SH
MSCD 675--Database Technologies and Service Oriented Architecture	3 SH
MSCD 681--Data Warehouse Design	3 SH
MCT 618--Object-Oriented Design	3 SH
MCT 619--Object-Oriented Programming	3 SH
MCT 620--Distributed Systems	3 SH
MCT 621--Artificial Intelligence	3 SH
MCT 622--Real-Time Systems	3 SH
MCT 623--Graphics Programming	3 SH
MCT 628--Software Quality and Test	3 SH
<i>Degree Completion Requirements</i>	6 SH
MCT 624 --Thesis Fundamentals and	3 SH
MCT 626--Thesis	3 SH
or	
MSCD 692--Database Practicum I	3 SH
and	
MSCD 696--Database Practicum II	3 SH

## CC & IS GRADUATE CERTIFICATES

A candidate for one of the Graduate Academic Certificate programs must possess the prerequisite skills for entry into the College of Computer & Information Sciences degree programs and the specific prerequisite skills/knowledge identified in each Certificate Program.

Regis Graduate Academic Certificates are designed for students who wish to seek new career opportunities, enhance their work-related knowledge and skills and to advance themselves educationally. The Graduate Academic Certificate represents a selection of courses from the Master of Science programs. These courses could eventually be included in a graduate students' program of study or stand alone as courses beyond the degree requirements.

Specific parameters for College of Computer & Information Sciences Graduate Certificates include:

- A minimum of 12 semester hours of credit.
- The courses offered within a given certificate represent a coherent body of knowledge chosen in consultation with representatives of appropriate academic disciplines.
- The Certificate Program identifies the description of the courses required for completion and the recommended sequencing of those courses.

## CERTIFICATE ADMISSION

The Regis University Admissions Office must receive the following documentation from each applicant before an admission recommendation will be rendered:

- A completed application form, which includes a non-refundable application fee.
- Official transcripts reflecting a baccalaureate degree awarded from a regionally accredited college or university.
- Current resume.
- Admission essay.
- Faculty interview.

Once all documentation has been received, an admission committee reviews the application, a faculty member conducts an interview, and the committee makes an admission recommendation.

## ADMISSION FOR HCI CERTIFICATE

The ideal candidate for the Certificate in Health Care Informatics holds a baccalaureate degree in Health Care Administration/ Management or a baccalaureate degree in a business, clinical or health related field with two to three years of management experience in a health industry setting and has some experience with health care systems. Applications are individually evaluated on the basis of the following admission criteria:

- A baccalaureate degree from a regionally accredited college or university or evidence that undergraduate degree requirements will be met no later than August of the current year.
- A minimum undergraduate cumulative grade point average of 3.000 on a 4.000 scale or an admission essay (minimum 750 words with appropriate references) addressing an issue specified in the application materials.
- A current resume or other documentation of professional experience.
- A personal interview. This may be waived for HSA progression students.
- A completed application form including non-refundable application fee. The application fee is waived for Regis University undergraduates.



NOTE: Applicants without degrees or experience in a health-related field may be required to take prerequisite coursework. All documents submitted during the application process become the property of Regis University.

## CERTIFICATE AREAS OF STUDY

### **Agile Technologies 12 SH**

MSCI 682--Agile Systems Development	3 SH
MSCI 680--IT Project Management	3 SH
MSSE 610--Software Requirements and Processes	3 SH
MSSE 640--Software Quality and Test	3 SH

### **Cybersecurity 12 SH**

Twelve semester hours selected from the following:

MSIA 672--Managing a Secure Enterprise	3 SH
MSIA 675--Offensive Cyber Security	3 SH
MSIA 680--Computer Forensics	3 SH
MSIA 682--Network Forensics	3 SH
MSIA 683--Advanced Forensics	3 SH
MSIA 685--Malware Analysis and Response	3 SH

### **Data Science 12 SH**

MSDS 600--Introduction to Data Science	3 SH
MSDS 610--Data Engineering	3 SH
MSDS 650--Data Analytics	3 SH
MSDS 692--Data Science Practicum I	3 SH

### **Database Administration with Oracle 12 SH**

Twelve semester hours selected from the following:

MSCD 600--Database Architecture	3 SH
MSCD 610--Database Concepts	3 SH

Six semester hours selected from the following:

MSCD 640--Oracle Database Administration	3 SH
MSCD 642--Database Backup and Recovery	3 SH
MSCD 644--Database Performance Tuning	3 SH

### **Database Development 12 SH**

Twelve semester hours selected from the following:

MSCD 600--Database Architecture	3 SH
MSCD 610--Database Concepts	3 SH

Six semester hours selected from the following:

MSCD 650--PL/SQL Programming	3 SH
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MSCD 67--Database Technologies and Service Oriented Architecture	3 SH
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MSCD 681--Database Warehouse Design	3 SH
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### **Enterprise Java Software Development 12 SH**

MSSE 670--Java Software Development	3 SH
MSSE 672--Advanced Java Software Development	3 SH
MSSE 674--Enterprise Java Software Development	3 SH
MSSE 676--Advanced Enterprise Java Software Development	3 SH

### **Enterprise Resource Planning 12 SH**

MSCI 615--Business Process Engineering	3 SH
MSCI 625--Supply Chain Management	3 SH
MSCI 640--Enterprise Technology Management	3 SH
MSCI 681--Enterprise Project Systems	3 SH

### **Executive Information Technology 12 SH**

MSCI 600--Strategic Information Technology	3 SH
MSCI 610--Ethics in Information Technology	3 SH

Six semester hours selected from the following:

MSCI 615--Business Process Engineering	3 SH
MSCI 625--Supply Chain Management	3 SH
MSCI 630--Knowledge Management	3 SH
MSCI 640--Enterprise Technology Management	3 SH
MSCI 660-- Global E-Business	3 SH
MSCI 680--Information Technology Project Management	3 SH
MSCI 681--Enterprise Project Systems	3 SH
MSCI 682 -- Agile Systems Development	3 SH
MSCI 685--Emerging Technologies	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH

### **Full Stack + 12 SH**

MSSE 661--Web Software Development	3 SH
MSSE 663--Web Frameworks	3 SH
MSSE 665--Web Visualization Frameworks	3 SH
MSSE 667--Web Mobile Frameworks	3 SH

### **Health Care Informatics 12 SH**

HCI 625--Change Management in Adoption of IT Health Care Solutions	3 SH
HCI 635--Design and Selection of ITS Systems in Health Care	3 SH

HCI 650--Health Care Informatics and Information Management in Health Care Settings	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH

### **Information Assurance Policy Management 12 SH**

Twelve semester hours selected from the following:

MSIA 670--Enterprise Information Assurance	3 SH
MSIA 672--Managing a Secure Enterprise	3 SH
MSIA 673--Legal Basics in Cyber and Information Security	3 SH
MSIA 674--Planning and Implementing Architecture Security	3 SH
MSIA 678--Risk Management	3 SH
MSIA 684--Information Technology Auditing	3 SH

### **Mobile Software Development 12 SH**

MSSE 650--iOS Software Development	3 SH
MSSE 652--Enterprise iOS Software Development	3 SH
MSSE 655--Android Software Development	3 SH
MSSE 657--Enterprise Android Software Development	3 SH

### **Software Engineering 12 SH**

MSSE 600--Object-Oriented Software Engineering	3 SH
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Nine semester hours selected from the following:

MSSE 610--Software Requirements and Processes	3 SH
MSSE 661 Web Software Development	3 SH
MSSE 663 Web Frameworks	3 SH
MSSE 665 Web Visualization Frameworks	3 SH
MSSE 667 Web Mobile Frameworks	3 SH
MSSE 640--Software Quality and Test	3 SH
MSSE 642--Software Assurance	3 SH
MSSE 650--iOS Software Development	3 SH
MSSE 652--Enterprise iOS Software Development	3 SH
MSSE 655--Android Software Development	3 SH
MSSE 657--Enterprise Android Software Development	3 SH
MSSE 670--Java Software Development	3 SH
MSSE 672--Advanced Java Software Development	3 SH
MSSE 674--Enterprise Java Software Development	3 SH
MSSE 676--Advanced Enterprise Java Software Development	3 SH
MSSE 680--C# Software Development	3 SH
MSSE 682--Enterprise C# Software Development	3 SH
MCT 620--Distributed Systems	3 SH

MCT 621--Artificial Intelligence	3 SH
MCT 622--Real-Time Systems	3 SH
MCT 623--Graphics Programming	3 SH

## **COLLEGE OF COMPUTER & INFORMATION SCIENCES COURSE DESCRIPTIONS**

### **UNDERGRADUATE**

#### **COMPUTER INFORMATION SYSTEMS (CIS)**

**CIS 206. BUSINESS SOFTWARE APPLICATIONS (3).** Introduces software typically used in business or professional environments. Emphasizes the application of software tools to business needs. NOTE: Not for CC & IS majors.

**CIS 300. FOUNDATIONS OF INFORMATION SYSTEMS (3).** Introduces contemporary information systems concepts. Focuses on business processes, software, hardware, data, and communication technologies, and how these components can be integrated and managed to create business competitive advantage. Hands-on experience with SAP ERP software.

**CIS 313. INTRODUCTION TO DATABASE CONCEPTS (3).** Introduces database concepts and technology. Enables the student to become a knowledgeable end-user of database management systems and to appreciate the roles of database designers, managers, and administrators. Provides an understanding of the usage of databases in the information system of an organization. Topics include entity-relationship models, logical and physical database designs, queries, SQL, transaction processing, concurrency control, recovery techniques, and emerging trends in database systems.

**CIS 318. ETHICS FOR THE INFORMATION TECHNOLOGY PROFESSIONAL (3).** Focuses on ethical problems that arise in the Information Technology world. Explores the areas of IT crime, privacy, intellectual property, software development, and employer/employee issues. Introduces the codes of ethics for various IT professional associations and organizations.

**CIS 325. SYSTEMS ANALYSIS AND DESIGN (3).** Studies the analysis and design of computer based information systems. Considers transformation processes and comprehensive design. Includes advanced technology, emphasizing expert and knowledge-based systems. Considers human resources, communications and computers in a systems framework. Prerequisite(s): CIS 300.

**CIS 382. INTRODUCTION TO INFORMATION SYSTEMS (3).** Educates students on the core components of information systems; hardware, software, computer network, data, processes and people within the business context. Student will learn the interrelationships between the different components. Prerequisite(s): BA 2900, or permission of instructor. NOTE: Students must pass an Excel exam prior to taking this course.

**CIS 445. DATABASE MANAGEMENT (3).** Introduces core concepts in data management. Students identify organizational information requirements, convert conceptual data models into relational data models, apply normalization techniques, and utilize an Oracle relational database management system in a virtual lab environment. Prerequisite(s): CIS 300 or CS 210.

**CIS 448. PROJECT MANAGEMENT (3).** Provides a foundational and practical knowledge of project management principles. Identifies tools and processes for managing projects using both Waterfall and Agile methodologies.

**CIS 455. MANAGEMENT INFORMATION SYSTEMS (3).** Explores organizational and technical theories of management information systems. Provides a framework for management theory and organization theory. Examines management information system technology and its physical and logical components. Introduces decision support and expert systems.

**CIS 458. BUSINESS PROCESS MANAGEMENT (3).** Introduces key concepts and approaches to business process management and improvement. Examines how to identify, document, model, assess, and improve core business processes. Hands-on experience with SAP ERP software. Prerequisite(s): CIS 325

**CIS 461 BUSINESS ANALYTICS (3).** Introduces business intelligence techniques for transforming structured/unstructured data into meaningful information in order to gain competitive advantage. Explores the managerial, strategic and technical issues associated with developing/deploying business intelligence and analytics solutions. Prerequisite(s): MT 270 and CIS/CS 445 or CIS 313.

**CIS 463. E-COMMERCE TECHNOLOGY MANAGEMENT (3).** Introduces concepts of electronic commerce and technologies employed. Covers catalysts for e-commerce (B2B and B2C), the convergence of technological challenges, legal and regulatory frameworks, behavior and educational challenges, organization and business barriers, and strategies for e-commerce. Prerequisite(s): CIS 325.

**CIS 464. ENTERPRISE SYSTEMS (3).** Provides an understanding of the managerial/technical issues in planning, designing, and implementing enterprise systems. Demonstrates the integration of information and business processes across functional areas into a unified system. Hands-on experience with SAP ERP software. Prerequisite(s): CIS 458.

**CIS 465. IS STRATEGY, MANAGEMENT AND ACQUISITION (3).** Explores the acquisition, development and implementation plans and policies to achieve efficient and effective information systems. Defines the high-level IS infrastructure and systems that support the operational, administrative and strategic needs of the organization. Prerequisite(s): CIS 458.

**CIS 480. MANAGING TECHNOLOGY FOR BUSINESS STRATEGIES (3).** Provides executive perspective on management information systems, systems analysis and database management. Develops an understanding of strategic issues underlying information systems technical issues in developing systems. Covers strategic issues related to critical business success factors. Includes information's role in competition, industry leadership, and business planning. Covers alternative development methods and addresses issues of databases,

projected management, and functional management. NOTE: Not for CIS majors.

**CIS 493. SENIOR CAPSTONE (3).** Provides the culminating experience of the major, focusing on integration and application of theory. Must be completed as graded course work at Regis University. Prerequisite(s): Senior standing and successful completion of eighteen (18) upper division CIS semester hours.

## COMPUTER SCIENCE (CS)

**CS 202. COMPUTATIONAL FOUNDATIONS (3).** Entry-level course introducing the foundational concepts of computer science, as the study of algorithms and data structures with respect to their formal properties, linguistic realizations, hardware realizations, and applications.

**CS 210. INTRODUCTION TO PROGRAMMING (3).** Entry-level course in which students practice software development using elementary selection, looping, method, string, list, array, and object constructs implemented in a modern programming language.

**CS 310. DATA STRUCTURES (3).** Studies structures for representing data and continued practice with software development. Uses algorithms to process these structures, emphasizing intermediate set, map, stack, queue, dequeue, and tree data structures, along with various searching and sorting algorithms. Prerequisite(s): CS 210, or permission of instructor.

**CS 324. ALGORITHMS AND ANALYSIS (3).** Continues practice with software development focusing on algorithm design, analysis, and efficiency. Includes the study of advanced data structures (graphs, heaps, advanced trees: AVL, B, red-black, tries), advanced algorithms, and complexity (P vs. NP). Prerequisite(s): CS 202, CS 310 and MT 320.

**CS 336. WEB AND DATABASE APPLICATIONS (3).** Introduces web-based multi-tiered distributed application development. Topics include using markup and scripting languages in the Presentation tier, services in the (web and business) Logic tier, and a relational database in the Data tier. Prerequisite(s): CS 310, or permission of instructor. NOTE: Credit can be awarded for CS 336 or CS 482, but not more than one.

**CS 338. MOBILE ENTERPRISE COMPUTING (3).** Introduces platform-based software development for tablets, smart phones, and servers. Students learn to solve contemporary software engineering problems by creating Graphical User Interface apps that communicate over a network with an Enterprise Server and Database. Prerequisite(s): CS 310, or permission of instructor.

**CS 346. INTRODUCTION TO GAME DEVELOPMENT (3).** Students learn the fundamentals of game design and develop a computer game using a 3D game engine. Prerequisite(s): CS 310.

**CS 370. ASSEMBLY LANGUAGE (3).** Describes the elements and techniques of assembly language programming for microprocessors used in the IBM compatible family of microcomputers. Introduces computer architectures, and discusses the concepts of data representations, processing instructions, addressing modes, macros, functions and

procedures, and file I/O. Prerequisite(s): CS 208, or permission of instructor.

**CS 390. PRINCIPLES OF PROGRAMMING LANGUAGES (3).** Introduces the constructs upon which contemporary programming languages are based. Students investigate programs written in declarative and imperative programming languages including functional, logic, structured, and object-based approaches. Prerequisite(s): CS 324.

**CS 417. ARTIFICIAL LIFE (3).** Explores the theory and application of genetic algorithms that model the biological process of evolution. Creates artificial life forms that evolve to solve complex problems. Includes exploration of evolutionary programming, or code that writes itself. Prerequisite(s): CS 324 or CS 371.

**CS 421. DATA SCIENCE (3).** Introduces topics of data science including data manipulation, data analysis using statistics and machine learning, techniques for working with big data, communication of analysis using information visualization, and ethical use of data analyses. Prerequisite(s): CS 310 and MT 270.

**CS 431. OPERATING SYSTEMS DESIGN AND ANALYSIS (3).** Includes processor scheduling, multiprocessor scheduling, deadlock detection and prevention, memory management, hashing, performance directed cache design, multilevel cache hierarchies, virtual memory, demand paging, thrashing and locality, disk scheduling, distributed systems, networked environments, and performance analysis based on mathematical modeling techniques. Prerequisite(s): CS 310.

**CS 433. COMPUTER SYSTEMS SECURITY (3).** Introduces the concept of security in computing. Topics include cryptography, program security, operating systems protection, database security, and network security. Explores current security models, internal and external security threats, risk analysis, privacy issues and security laws and regulations. Prerequisite(s): 431 and CS 450.

**CS 434. OBJECT-ORIENTED PROGRAMMING USING JAVA (3).** Introduces the Java programming language and application of object-oriented programming principles to the solution of contemporary software engineering problems, including Graphical User interfaces, Design Patterns, and Platform-Based Development (tablets, smart phones, and servers). NOTE: Not to be taken by students who complete CS 310.

**CS 440. COMPUTER ORGANIZATION AND ARCHITECTURE (3).** Introduces Machine Architecture with coverage of digital logic, machine level data and instruction representation, ALU design, and organization of the processor datapath and control. Examines performance analysis, memory system hierarchy, pipelining, and communication. Prerequisite(s): CS 390.

**CS 441. DIGITAL DESIGN THEORY AND TECHNOLOGIES (3).** Studies combinational and sequential logic circuits using standard and mixed logic. Includes minimization, multiplexers, demultiplexers, plas, counters, registers, decoders, encoders, flip-flops, finite state machines, design of RISC machines, systolic architectures, nmos, pmos, CMOS, VLSI design using stick diagrams, channel routing algorithms, design for test, latch-up and fabrication techniques. Prerequisite(s): CS 324.

**CS 442. DATABASE PROGRAMMING (3).** Introduces the ANSI standard structured query language (SQL/PL). Includes various extensions to the language, design and implementation of a relational database, data manipulation, joining tables, creating and using views, use subqueries, data security and integrity. Prerequisite(s): CS 445 or CIS 445. Cross listing: CIS 442.

**CS 444. SOFTWARE ENGINEERING (3).** Part I of a capstone-style course examining contemporary software engineering that ensures development of well-designed, reliable, flexible, modular, and verified software systems. Topics include development lifecycle, requirements, UML, model-based, and Agile development. Prerequisite(s): CS 336 or CS 338, CS 390, and senior class standing.

**CS 445. DATABASE MANAGEMENT (3).** Introduces the theory of database design. Discusses techniques of database systems implementation, physical file organization, data integrity, security techniques, and management of the database environment. Explores data structures used in databases, database management, and data communications. Prerequisite(s): CS 310.

**CS 449. ALGORITHMS AND COMPLEXITY (3).** Concentrates on NP-complete problems and the algorithms that solve NP-complete problems. Involves designing and analyzing algorithms from an efficiency point of view. Prerequisite(s): CS 310, MT 320, MT 360A. NOTE: Credit may be awarded for CS 324 or CS 371 or CS 449, but not more than one.

**CS 450. DATA NETWORKS (3).** Provides the concepts and terminology of data communications and network design. Includes transmission techniques, network topologies, protocols, security network control and network architectures. Prerequisite(s): CS 336 or CS 338.

**CS 451. TELECOMMUNICATIONS: APPLIED DIGITAL SIGNAL PROCESSING (3).** Introduces digital signal processing synthesis and analysis, the Fourier and Fast Fourier transform, and computational and programming techniques. Prerequisite(s): MT 360A.

**CS 461. ARTIFICIAL INTELLIGENCE SYMBOLIC REASONING (3).** Artificial Intelligence studies computer based agents that perceive and act rationally within an environment. Introduction to the technologies used to construct agents that represent knowledge, search spaces, perform inference and learn.

**CS 462. COMPUTER SYSTEMS PERFORMANCE ANALYSIS (3).** Covers mathematical models based on queuing theory, stochastic processes, Markov chains and mean value analysis. Discusses applications to computer systems for the purpose of optimizing performance. Includes problems and a project requiring the modeling contemporary disk technologies and system balancing techniques. Prerequisite(s): CS 310, and MT 360A.

**CS 464. ARTIFICIAL INTELLIGENCE: NEURAL NETWORKS (3).** Reviews the artificial intelligence field followed by an intense treatment of neural net theory and technologies. Examines Hopfield networks, Boltzmann networks, back-propagation algorithms, mathematical convergence criteria, and

neural net applications to classical problems such as TSP.  
Prerequisite(s): CS 390 and MT 360A.

**CS 465. UNIX OPERATING SYSTEMS (3).** Explores the architecture of the UNIX operating system. Provides hands-on experience in file management, the UNIX shell, using filters, using and developing pipes, security, software development tools, text processing tools and in-depth knowledge of how these aspects are incorporated into the UNIX system. Discusses how UNIX meets its design objectives, its relative merits in comparison with other operating systems, and interoperability issues. Prerequisite(s): CS 310.

**CS 468. ADVANCED UNIX (3).** Expands upon knowledge of UNIX systems. Introduces systems administration tasks, including software installation, system configuration, and managing user accounts. Studies risks faced by computer systems and UNIX security mechanisms. Explores UNIX system programming including signal and interprocess communication. Prerequisite(s): CS 310 and CS 465.

**CS 473. ARTIFICIAL INTELLIGENCE (3).** Studies computer based agents that perceive and act rationally within an environment. Introduction to the technologies used to construct agents that represent knowledge, search spaces, perform inference and learn. Prerequisite(s): CS 324 and MT 472.

**CS 475. COMPUTATION THEORY (3).** Introduces computational formalisms, including Automata, Lamda Calculus, Turning Machines, Recursive Functions, and emerging theories. Explores the relation of formal languages and computation. Studies theoretical and pragmatic limits on computation including halting, NP-Completeness, P-Space, and reducibility. Prerequisite(s); CS 390.

**CS 479. ETHICAL LEADERSHIP IN COMPUTER SCIENCE (3).** Part II of a capstone-style course exploring the cultural, social, legal, and ethical issues inherent in Computer Science and software development with an emphasis on the role that computer scientists play, as leaders in service to others. Prerequisite(s): CS 444 and senior class standing.

**CS 490E-W. INDEPENDENT STUDY IN COMPUTER SCIENCE (1-3).** Explores areas of interest. Content to be arranged. Concludes with a written report. Prerequisite(s): Approval of department chair.

**CS 492E-W. SPECIAL TOPICS IN COMPUTER SCIENCE (3).** Explores selected topics of interest in Computer Science through lecture presentation, laboratory work, and research projects. Content varies from term to term. Prerequisite(s): CS 390, or permission of instructor.

**CS 493. SENIOR CAPSTONE (3).** Provides the culminating experience of the Computer Science major, focusing on integration and application of theory. Must be completed as graded course work at Regis University. Prerequisite(s): Senior standing and successful completion of eighteen (18) upper division CS semester hours.

**CS 498E-W. INTERNSHIP IN COMPUTER SCIENCE (3).** Involves placement of advanced computer science students in industry, government or other agencies. Faculty approval, supervision, and evaluation of students' work required. Majors

only. Approval of department chair and director of the Academic Internship Program. NOTE: 3.00 cumulative grade point average required.

## INFORMATION TECHNOLOGY (CIT)

**CIT 311. ENTERPRISE SYSTEMS ARCHITECTURE (3).** Presents design, management and administration of simple to complex network topologies. Introduces Internet connectivity and protocols supporting networked applications over a distributed network and their relationship with end-users. Examines the concepts of user content, applications, services, and infrastructure.

**CIT 316. NETWORK INFRASTRUCTURE (3).** Introduces the foundations of network infrastructures and emerging network technologies. Covers OSI model in depth, including TCP/IP. Investigates the standards, design, architecture, and operation of LAN, WAN and telecommunications services. Introduces basic switching and routing concepts.

**CIT 330. FOUNDATIONS OF CYBER SECURITY I (3).** Introduces the principles and practices of information security including security models, internal and external security threats, and attacks. Topics include cryptography, network, mobile, host, applications, data, access control, and operational security. Prerequisite(s): CIT 311.

**CIT 331. FUNDAMENTALS OF SECURITY MANAGEMENT (3).** Examines security management, risk analysis, disaster recovery, business continuity planning, and information security legal issues. Topics include planning for security, security technologies, risk mitigation, vulnerability assessment, and security laws and regulations. Prerequisite(s): CIT 330.

**CIT 411. HUMAN COMPUTER INTERACTION (3).** Investigates and analyzes user-centered methodologies in the development, evaluation, and deployment of IT applications and systems. Emphasizes HCI areas such as user and task analysis, human factors, ergonomics, accessibility standards, and cognitive psychology. Prerequisite(s): CIS 325.

**CIT 435. CYBER FORENSICS (3).** Introduces the principles and practices of digital forensics including digital investigations, data and file recovery methods, and digital forensics analysis and invalidation. Topics include data acquisition, digital forensics tools, virtual machines, network, mobile device, and cloud forensics. Prerequisite(s): CIT 331.

**CIT 444. WIRELESS NETWORKS (3).** This course examines wireless technologies used in infrared, spread spectrum, microwave, and cellular systems. Discuss integration of WLANs, satellite communications and cellular systems in an organization. Includes protocols, security practices and applications used on wireless technologies. Prerequisite(s): CIT 316.

**CIT 452. SYSTEMS ADMINISTRATION (3).** Introduces operating systems concepts and system administration tasks, including software installation, system configuration, and managing user accounts. Emphasizes server administration and management, user and group management, backup, security, resource, and automation management. Prerequisite(s): CIT 316 and CS 336.

**CIT 462. ETHICAL HACKING AND DEFENSE (3).** Explores security threats and vulnerabilities that face computer network engineers by using penetration testing techniques. Examines requirements for a formal hacking lab and discusses ethical boundaries between white and black hat hacking. Prerequisite(s): CIT 331.

**CIT 463. CYBER CRIME AND IT COMPLIANCE (3).** Examines societal, ethical, and legal issues involved in information assurance as implemented through ethics and laws. Analysis of compliance themes that affect IT environment for financial, publicly traded, and healthcare organizations as well as industry regulations Prerequisite(s): CIT 331.

**CIT 466. IT AUDIT AND RISK MANAGEMENT (3).** Investigates the principles of information systems audit, IT audit tools, audit procedures to help in detection and prevention of security breaches and fraud. Examines the solutions that can be used to prevent information loss or costly business interruptions, the role of information technology governance in business organizations, reporting requirements, and industry standards for IT Governance. Prerequisite(s): CIT 331.

**CIT 478. MANAGEMENT OF ENTERPRISE NETWORKS (3).** Explores datacenter support and management requiring the integration of servers, applications and data storage with business operations and goals. Examines the impact of ethical, governance and legal concerns on business operations. Prerequisite(s): CIT 452.

**CIT 480. WEB SOFTWARE DEVELOPMENT (3).** Introduces web page development using HTML/HTML5, CSS/CSS3, and JavaScript. Students learn to design and develop a website, structure and style its content, and navigate/update the document object model (DOM).

**CIT 481. WEB FRAMEWORKS (3).** Covers the most popular JavaScript frameworks, including jQuery, Angular JS, and Google Maps. Students learn how to use the frameworks to do DOM manipulation, AJAX, single page applications, and the display/manipulation of maps. Prerequisite(s): CIT 480.

**CIT 482. WEB VISUALIZATION FRAMEWORKS (3).** Covers popular visualization frameworks that facilitate the presentation of pertinent information to the end user. Student learn various techniques that transform raw data into information that is relevant to end users. Prerequisite(s): CIT 481.

**CIT 483. WEB MOBILE FRAMEWORKS (3).** Covers popular mobile frameworks that enable the creation of mobile web page apps using HTML, CSS, and JavaScript. Students learn how to build rich, interactive web applications that run on virtually all devices (e.g. Android, IOS, Windows). Prerequisite(s): CIT 480.

**CIT 493. SENIOR CAPSTONE (3).** Provides the culminating experience of the major, focusing on integration and application of theory. Must be completed as graded course work at Regis University. Prerequisite(s): CIT 478 and senior standing and successful completion of eighteen (18) upper division IT semester hours.

## HEALTH INFORMATION MANAGEMENT (HIM)

**HIM 313. INTRODUCTION TO HEALTH INFORMATION MANAGEMENT (3).** Emphasizes form, content and regulations impacting the health care record in the acute care setting. Explores legal reimbursement and computerized aspects of the health record as well as the functions and responsibilities of Health Information Services. Examines various health care delivery systems and health care practitioners.

**HIM 320. HUMAN DISEASE AND PHARMACOLOGY (3).** Provides an overview of disease processes, symptoms and etiology organized by body systems. Includes basic diagnostic tests, treatments and medications for common diseases along with basic pharmacologic principles.

**HIM 350. DISEASE CLASSIFICATION SYSTEMS (3).** Introduces the development and use of various disease classification systems and reimbursement regulations. Emphasizes ICD coding and the diagnosis related groups (DRG) systems for inpatient reimbursement. Explores coding management issues. Discusses medications in conjunction with each body system and disease. Prerequisite(s): BL 244, BL 246 and HSC 310.

**HIM 385. DIRECTED PRACTICE (3).** Virtual clinical/internship experience allowing hands-on practice with various clinical and health care applications such as abstracting software, Release of Information and coding software and other administrative systems used by health information professionals. Includes planning for the management practicum and identifying a volunteer/service activity to be completed at the end of HIM 485.

**HIM 415. HEALTH INFORMATION MANAGEMENT: DATA SYSTEMS AND STRUCTURES (3).** Introduces health care data sets, data sources, and the roles and functions of Health Information Management in all health care delivery systems: acute care, home health, long term care, hospice, ambulatory care and consulting practices. Focuses on the electronic health record and data standards such as SGML, XML and HL7. Prerequisite(s): HIM 313 or permission of instructor required.

**HIM 430. HEALTH LAW FOR INFORMATICS AND INFORMATION MANAGEMENT (3).** Examines legal concepts in informatics and health information management settings for compliance with laws, standards and regulations protecting the use, privacy, security and confidentiality of health information across various enterprises. Managing access and disclosure of health information and protected health information as well as e-health information is also covered. Graduate level includes completion of a project focused on the role of Risk Management and Quality Improvement programs in health care organization in responding to and preventive adverse events. Cross listing: HCI 630

**HIM 435. DESIGN/SELECTION OF IT SYSTEMS IN HEALTH CARE (3).** Introduces planning, acquisition, and implementation of systems which include migration paths, functional requirements, costs, benefits realization and a critical analysis of the system proposed in addition to the technological infrastructure needed to support facility-wide systems. Activities include evaluating RFP's and RFI's, and designing communication and clinical documentation guidelines. Graduate

level includes writing an RFI or RFP and development of system evaluation criteria. Cross listing: HCI 635.

**HIM 445. MANAGEMENT OF E-HIM AND INFORMATION GOVERNANCE (3).** The focus of this course is on the advanced concepts of managing digital clinical information in health care facilities. Topics include: identity management, health information exchange and data sharing, current trends in e-HIM, eDiscovery, the personal health record and patient portals. The course will also cover components and strategies of Information Governance including; interoperability of data, compliance data dictionary standards, and factors that influence data integrity. Graduate level includes development of an eDiscovery response plan and Information Governance assessment tool. Prerequisite(s): HIM 313, HIM 415 or permission of instructor. Cross listing: HCI 645.

**HIM 450. HEALTH CARE INFORMATICS & INFORMATION SYSTEMS (3).** Introduces foundational knowledge and skills to participate in the design, selection, implementation and use of clinical and administrative information systems. Provides an overview of information systems in all health care settings with emphasis on electronic health record systems, data standards, and data exchanges. Familiarizes the student with new and emerging technologies in the health care field and includes concepts and principles of health care informatics in the health professions and health care delivery systems. The graduate component extends foundational knowledge through additional readings, case analysis, and/or applied project work. Cross listing: HCI 650.

**HIM 451. REIMBURSEMENT MANAGEMENT IN HEALTH CARE SETTINGS (3).** Reviews the use of coding and classification systems and explores their use in the health care reimbursement system. Examines DRG and coding audits, revenue cycle processes and other management strategies critical to health care facility revenues. Prerequisite(s): HIM 350 or equivalent.

**HIM 460. HEALTH STATISTICS AND RESEARCH METHODS (3).** An applied course in basic health statistics and research methods intended to introduce common applications in the health care setting. Topics include commonly used health statistics, epidemiology, quality improvement, and outcomes research with an emphasis on study design, data collection, data analysis, data interpretation and data presentation skills. Emphasis is on the ability to analyze and interpret clinical and other health data for use in research, health care decision-making, and policy development. Prerequisite(s): MT 270 or equivalent. Cross listing: .

**HIM 461. RESEARCH IN HEALTH SERVICES (3).** A continuation of HIM 460. Student works independently under the direction of an assigned instructor to refine the research proposal developed in HIM 460. Student completes the research process through data collection, analysis, conclusions and recommendations for further research. Research is presented in a formal article format. Prerequisite(s): Majors only. Approval of department director. .

**HIM 470. ORGANIZATIONAL MANAGEMENT IN HIM (3).** Examines the organizational system and the integration of quality improvement strategies, performance management, information management principles and strategies, finance and

budget constructs, human resource components, strategic planning, and managing for change, cultural and organizational improvement. Professional ethics related to HIM is also included. NOTE: Senior standing only.

**HIM 480. ADMINISTRATION OF HEALTH INFORMATION MANAGEMENT SERVICES (3).** Provides the student with opportunities to apply multiple elements from other courses as related to the organization and administration of a health information services department. Emphasizes project management, operation analysis and planning, current topics, emerging issues and career management. Prerequisite(s): Satisfactory completion of all prior HIM coursework or permission of instructor.

**HIM 485. MANAGEMENT PRACTICUM (3).** At the end of the senior year, students complete an eighty hour management practicum at an approved health care facility with emphasis on completing a major project focusing on HIM management practices, EHR acquisition or system implementation or other comparable project. Additional online course components address HIM professional ethics, strategic management and HIM advocacy. Prerequisite(s): Satisfactory completion of all prior HIM coursework, HIM 385.

**HIM 490E-W. INDEPENDENT STUDY IN HEALTH INFORMATION MANAGEMENT (1-3).** Offers an opportunity for a focused course of study with in a specific practice area of health information management under the direction of an assigned instructor. Employs a variety of learning activities, as specified in the learning contract, to extend core knowledge and skills in a specific practice area. Enhances research and written presentation skills through development of a comprehensive topic portfolio. Prerequisite(s): Senior standing. Majors only.

## HEALTH SCIENCES

**HSC 240. FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY (3).** Designed to provide students with an understanding of the basic concepts of human anatomy and physiology. The student will learn basic terminology and the general organization of body systems including the tissue, organ, and organ system levels. The specific organ systems to be studied in this course include the integumentary (skin), skeletal, muscular, nervous, special senses, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive.

**HSC 250. COMPUTER CONCEPTS/APPLICATIONS FOR HEALTH CARE PROFESSIONALS (3).** Explores basic theory and practical application of various software programs emphasizing applications typically utilized in health care settings including word processing, databases, spreadsheets, presentation packages and health care related Internet resources. Course is taught in a laboratory environment with extensive hands-on experience.

**HSC 310. MEDICAL TERMINOLOGY (3).** Provides an intensive study in the language used in the health care field. Includes the use of prefix, suffix and root words to identify, analyze, define and interpret medical terms. Emphasizes the correct construction, pronunciation, spelling and use of medical



terminology, especially as applied in the interpretation of medical reports.

**HSC 401. WOMEN'S HEALTH ISSUES (3).** Focuses on the maintenance and promotion of women's health across the full spectrum of women's lives. Explores physiological, psychological, cultural, economic, political, sociological, and spiritual factors that influence women's health over the lifespan. Cross listing: PE 401 or WVS 401.

## MATHEMATICS (MT)

**MT 201. COLLEGE ALGEBRA (3).** Includes algebraic operations, equations and inequalities, functions and their graphs, solution of polynomial, exponential and logarithmic functions and linear systems of equations.

**MT 204. CONTEMPORARY MATHEMATICS (3).** Presents topics in contemporary mathematics of interest to the liberal arts student. Extensive use of technology to explore logic, matrices, probability, exponentials, graph theory, linear programming, game theory and problem solving skill usable by a productive citizen. Prerequisite(s): Placement by Department.

**MT 205. CONTEMPORARY MATHEMATICS FOR LIBERAL ARTS STUDENTS (3).** Presents contemporary mathematics for liberal arts students. It emphasizes the use of mathematics in the natural world using concepts such as social choice, networking, scheduling, symmetry in art and nature, fractals, growth, the Golden Ratio, music and poetry. NOTE: Cannot receive credit for MT 204 and MT 205.

**MT 206. CONTEMPORARY MATHEMATICS FOR BUSINESS STUDENTS (3).** Presents topics in contemporary mathematics for business students. It emphasizes the use of mathematics in everyday life using real world applications such as set relationships, percentages, statistics, probability, personal finance, and business applications. NOTE: Cannot receive credit for MT 204 and MT 206.

**MT 270. INTRODUCTION TO STATISTICS (3).** Presents standard topics in introductory statistics for students whose major is not mathematics. Topics include descriptive statistic, probability distributions, estimations, hypothesis testing, linear regression and correlation and other topics.

**MT 320. INTRODUCTION TO DISCRETE MATHEMATICS (3).** Introduces mathematical tools used by computer scientists with an emphasis on developing problem solving abilities. Topics include machine logic, set theory, Boolean algebra, mathematical induction, and data structures. Prerequisite(s): MT 201.

**MT 360A. CALCULUS I (4).** Treats standard topics of single variable calculus including limits, continuity, derivatives, applications of derivatives, and elements of integration. Prerequisite(s): MT 201.

**MT 360B. CALCULUS II (4).** Continues treatment of single variable calculus including definite and indefinite integrals, applications of integrals, transcendental functions, techniques of integration and infinite series. Prerequisite(s): MT 360A.

**MT 405. NUMERICAL METHODS (3).** Uses computers in solving linear and nonlinear equations, approximation theory,

numerical integration and differentiation, numerical solution of differential equations and linear programming. Prerequisite(s): MT 360B.

**MT 415. LINEAR ALGEBRA (3).** Studies vector spaces, linear transformations, matrices, determinants, systems of equations, eigenvalues and characteristic matrices. Prerequisite(s): MT 360B.

**MT 417. DISCRETE MATHEMATICAL STRUCTURES (3).** Presents tools used by mathematicians and computer scientists. Emphasizes developing problem-solving ability. Topics covered include logic, set theory, counting techniques, mathematical induction, and properties of graphs, digraphs and trees. Prerequisite(s): MT 320.

**MT 423A. ABSTRACT ALGEBRA I (3).** Provides an axiomatic treatment of basic concepts of groups, rings, and fields. Prerequisite(s): MT 360C. NOTE: At least one upper division mathematics course required.

**MT 426. HISTORY AND FOUNDATIONS OF MATHEMATICS (3).** Discusses topics in ancient methods of numeration and calculation, the history and solution of classical problems, including topics from number theory, algebra, geometry, and calculus. Includes contributions of the great mathematicians, under-represented groups (including minorities and women), and diverse cultures. Investigates the role of mathematics in civilization. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

**MT 430. INTRODUCTION TO MATHEMATICAL MODELING (3).** Studies principles of constructing mathematical models using techniques such as: difference equations, proportionality, geometric similarity, graphical analysis and dimensional analysis, simulation with random numbers, and systems of differential equations. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

**MT 441. MODERN GEOMETRY (3).** Studies Euclidean and non-Euclidean geometries such as: Mobius, hyperbolic, elliptic, absolute, and projective geometries. Geometries are studied using analytic methods and the relation to real-world situations. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

**MT 445. ADVANCED LINEAR ALGEBRA (3).** Continues the study of Matrices, determinants, systems of equations eigenvalues, characteristics matrices, and space matrices. Prerequisite(s): MT 415.

**MT 463. DIFFERENTIAL EQUATIONS (3).** Studies solutions first and second order differential equations, applications, linear differential equations, series solutions, laplace transforms, numerical solutions, and systems of linear differential equations with constant coefficients. Prerequisite(s): MT 360B.

**MT 470A. MATHEMATICAL STATISTICS I (3).** Introduces probability; distribution functions and moment generating functions, correlation and regression; development and applications of binomial, normal, student's T, chi square, and F distributions. Prerequisite(s): MT 360B.

## GRADUATE

### HEALTH CARE INFORMATICS AND INFORMATION MANAGEMENT (HCI)

**HCI 600. INFORMATION SYSTEMS CONCEPTS (3).** Introduces information systems concepts, architectures, and technologies. Emphasizes information systems resources needed to meet organizational mission and objectives. Focuses on information systems from the business (healthcare) viewpoint including processes, value proposition and different types of information systems. Prerequisite(s): Graduate Standing.

**HCI 630. HEALTH LAW FOR INFORMATICS AND INFORMATION MANAGEMENT (3).** Examines legal concepts in informatics and health information management settings for compliance with laws, standards and regulations protecting the use, privacy, security and confidentiality of health information across various enterprises. Managing access and disclosure of health information and protected health information as well as e-health information is also covered. Graduate level includes completion of a project focused on the role of Risk Management and Quality Improvement programs in health care organization in responding to and preventive adverse events. Cross listing: HIM 430

**HCI 625. WORKFLOW AND CHANGE MANAGEMENT IN ADAPTION OF HEALTH IT (3).** Examines human behavior in organizations focusing on the analysis of data and workflow diagrams, SSC methodology (Start-Stop-Continue Design Decisions), developing an impact analysis, training requirements, process assessment at the micro and macro level affected by the new technology and introduces change management theories necessary to parallel system implementation. User workflows and processes are used as a basis for analysis.

**HCI 630. HEALTH LAW FOR INFORMATICS AND INFORMATION MANAGEMENT (3).** Examines legal concepts in informatics and health information management settings for compliance with laws, standards and regulations protecting the use, privacy, security and confidentiality of health information across various enterprises. Managing access and disclosure of health information and protected health information as well as e-health information. Graduate level includes completion of a project focused on role of Risk Management and Quality Improvement programs in health care organization in responding to and preventing adverse events. Cross listing: HIM 430.

**HCI 635. DESIGN AND SELECTION OF IT SYSTEMS IN HEALTH CARE (3).** Introduces planning, acquisition, and implementation of systems which include migration paths, functional requirements, costs, benefits realization and a critical analysis of the system proposed in addition to the technological infrastructure needed to support facility-wide systems. Activities include evaluating RFP's and RFI's, and designing communication and clinical documentation guidelines. Graduate level includes writing an RFI or RFP and development of system evaluation criteria. Cross listing: HIM 435

**HCI 645. MANAGEMENT OF E-HIM (3).** The focus of this course is on the advanced concepts of managing digital clinical information and other electronic storage in health care

facilities. Topics include: identity management, health information exchange and data sharing, current trends in eHIM, eDiscovery, the personal health record and patient portals. The course will also cover components and strategies of Information Governance including: interoperability of data, compliance data dictionary standards, and factors that influence data integrity. Graduate level includes development of an eDiscovery response plan and Information Governance assessment tool. Prerequisite(s): Graduate standing required. Cross listing: HIM 445.

**HCI 650. HEALTH CARE INFORMATICS AND INFORMATION MANAGEMENT IN HEALTH CARE SETTINGS (3).** Introduces foundational knowledge and skills to participate in the design, selection, implementation and use of clinical and administrative information systems. Familiarizes the student with new and emerging technologies in the health care field and includes concepts and principles of health care informatics in the health professions and health care delivery systems. Prerequisite(s): HSC 250, CIS 206, or equivalent.

**HCI 680. HEALTH CARE INFORMATICS CAPSTONE (3).** A capstone seminar including Ignatian leadership, health care policy, integration of technology into delivery settings, data analytics, stakeholder relations, regulatory initiatives, health care workforce challenges, trends in IT adoption and completion of a research based project with a service component. Prerequisite: all HIM coursework.

**HCI 690. PROFESSIONAL PRACTICE INTERNSHIP (3).** Provides hands-on experiential learning in a health care information setting. Students will gain knowledge and experience in the health care information technology environment by performing observations, completing a project and shadowing management level IT professionals. NOTE: Majors only.

### MASTER OF SCIENCE: COMPUTER INFORMATION SCIENCES (MSC)

**MSC 505. SYSTEMS ANALYSIS AND ARCHITECTURE (3).** Studies the analysis and design of computer-based information systems. Explores the SDLC, requirements analysis, modeling techniques, documentation, and visualization tools. Also, demonstrates basic systems architecture concepts supporting design, management, and administration of simple network topologies and protocols.

**MSC 690E-W. INDEPENDENT STUDY (1-3).** Provides an opportunity for faculty directed independent research in any field or topic in computer information systems not covered in scheduled course offerings. Prerequisite(s): MSCC 610 and approval of Department Chair. Prerequisite(s): MSCC 610.

**MSC 695E-W. SEMINAR (3).** Concentrates on leading edge technology in selected areas of interest to Computer Information Technology professionals based on topics relevant to current technological conditions. Prerequisite(s): MSCC 610.

## MASTER OF SCIENCE: CORE (MSCC)

**MSCC 610. INFORMATION TECHNOLOGY CONCEPTS (3).** Introduces information systems concepts, architectures, and technologies. Emphasizes information systems resources needed to meet organizational mission and objectives. Focuses on information systems from a management perspective, including applying information technology, developing and acquiring information systems, and managing them.

**MSCC 630. ENTERPRISE ARCHITECTURE (3).** Introduces Enterprise Architecture (EA) – the study of EA and its role in the organization. Begins with a short survey of various frameworks used by companies to implement an EA program, and progresses to examining (in depth) two of the most common frameworks and their subcomponents. Prerequisite(s): MSCC 697.

**MSCC 693. GRADUATE CAPSTONE (3).** Teams to critically analyze problems of a real-world organization and design a recommended solution. Case-based scenario used to simulate real-world application of Information Technology knowledge and skills. Simulates a real-world information technology organization where students enhance skills learned in previous courses. Prerequisite(s): MSCC 630.

**MSCC 697. INFORMATION TECHNOLOGY RESEARCH METHODS (3).** Through discussions, students become familiar with the foundational concepts of developing a problem statement for further investigation. Presents students with the skills and knowledge to develop their capabilities to identify, categorize, evaluate and synthesize a body of knowledge for a specific purpose. Prerequisite(s): MSCC 610 and completion of 12 semester hours in the degree requirements and degree electives area.

**MSCC 698. GRADUATE THESIS (3).** Students complete a master's thesis that is a substantial body of original scholarly work in the area of Information Technology. Prerequisite(s): MSCC 630. NOTE: Pass/No Pass grading only. Students must have successfully completed all other degree requirements for this program prior to completing this course. Prior to registering for MSCC 698 students must discuss thesis topic with the course instructor, who will involve the academic advisor to determine if admission to the course warrants approval.

## MASTER OF SCIENCE: DATABASE TECHNOLOGY (MSCD)

**MSCD 600. DATABASE ARCHITECTURE (3).** Provides an introduction to the internal structures and architectures of database management systems. Focuses on the Oracle10g ORDBMS architecture and associated processes and physical files. Covers general concepts such as design, deployment, and operation. Prerequisite(s): MSCC 610.

**MSCD 610. DATABASE CONCEPTS (3).** Explores data modeling, database design, management concepts, and SQL3 in-depth. Utilizes Oracle10g ORDBMS and Oracle command line interface, SQL\*Plus for all lab work. Provides hands-on

experience with an enterprise class, object-relational database management system. Prerequisite(s): MSCD 600.

**MSCD 640. ORACLE® DATABASE ADMINISTRATION (3).** Examines key tasks and functions required of a database administrator in a production environment. Students create, start up, and manage a database. In addition, students implement data security and integrity measures and grant access privileges to individual database users. Prerequisite(s): MSCD 610.

**MSCD 642. DATABASE BACKUP AND RECOVERY (3).** Studies the critical tasks of planning and implementing database backup and recovery strategies. Explores backup methodologies based on business requirements in a typical enterprise and utilizes multiple strategies to recover from different types of recovery failures. Prerequisite(s): MSCD 640.

**MSCD 644. DATABASE PERFORMANCE TUNING (3).** Studies database servers from the perspective of optimization and performance. Focuses on techniques for improving data access and storage, emphasizing performance diagnosis and resolution using real-world scenarios. Prerequisite(s): MSCD 640.

**MSCD 650. PL/SQL PROGRAMMING (3).** Studies advanced SQL and SQL\*Plus concepts and how to write PL/SQL procedures, functions and packages. Topics include extending statements to include Set Operators, and building correlated sub queries and hierarchical queries. Student creates and manages PL/SQL program units and database triggers as a basis for complex application development. Prerequisite(s): MSCD 610.

**MSCD 661. BUSINESS INTELLIGENCE (3).** Architectures, theories, methodologies and technologies that transform structured, semi-structured and unstructured data into meaningful and useful information. Covers analysis of enterprise data requirements to develop queries, reports and building OLAP cubes that use business analytics to answer complex business questions.

**MSCD 664. INTRODUCTION TO NOSQL DATABASES (3).** Introduces students to an overview and history of NoSQL databases (non-relational databases). The four types of NoSQL databases (e.g. Document-Oriented, Key-Value Pair, Column-Oriented and Graph) will be explored in detail. The topics for each of the NoSQL database types will include the detailed architecture, data modeling techniques, the loading and querying of data and the best practices for achieving high performance when using the database. NoSQL database development tools and programming languages will also be examined as part of the course content. Hands-on NoSQL database lab assignments will allow students to use the four NoSQL database types via products such as Cassandra, Hadoop, HBase, MongoDB, Neo4j, Riak, etc.

**MSCD 665. NoSQL DATABASE CONCEPTS USING CASSANDRA (3).** Provides students the necessary skills to develop applications using Cassandra. Topics include data modeling, partitioning and clustering keys, managing data, sharding and indexing using SOLR. Prerequisite(s): MSCD 664, or permission of instructor.

**MSCD 667. NoSQL DATABASE CONCEPTS USING MONGODB (3).** Provides students the necessary skills to develop applications using MongoDB. Topics include document management, querying data, indexing, aggregation techniques and sharding. Prerequisite(s): MSCD 664, or permission of instructor.

**MSCD 668. NoSQL DATABASE CONCEPTS WITH Neo4J (3).** Provides students the necessary skills to develop applications using the Neo4J Graph Database. Topics include data modeling, Cypher language, data analysis, managing data and performance tuning. Prerequisite(s): MSCD 664, or permission of instructor.

**MSCD 670. MIDDLEWARE ARCHITECTURES AND DATABASE APPLICATIONS (3).** Examines middleware implementation of portals using Oracle's advanced 10gAS platform as an application study. Focuses on middleware design, development and administration of web-based enterprise portal technology. Explores B2B applications, case studies, and Internet access to the database. Prerequisite(s): MSCD 610.

**MSCD 675. DATABASE TECHNOLOGIES AND SERVICE ORIENTED ARCHITECTURE (3).** Introduces SOA, middleware, with enterprise architecture, interoperability and loose coupling. Explores technical and organizational perspectives and alignment using design principles and industry-standard organizational models. Includes hands-on implementation of distributed Web Services-based interfaces to database system. Prerequisite(s): MSCD 670.

**MSCD 681. DATA WAREHOUSE DESIGN (3).** Data warehouse design includes in-depth exploration of organizational decision based on data repository, focusing on requirements, data warehouse design, data extraction and data stores. Includes business intelligence systems implications with hands-on approach to design. Prerequisite(s): MSCD 600 and MSCD 610.

**MSCD 692. DATABASE PRACTICUM I (3).** Simulates a real-world information technology organization where students enhance skills learned in previous database courses. Provides a research platform that can be used towards the collection of data to fulfill the thesis requirement. Prerequisite(s): MSCC 630, MSCD 640 and permission of instructor.

**MSCD 696. DATABASE PRACTICUM II (3).** A continuation of Database Practicum I. Simulates a real-world information technology organization where students enhance skills learned in previous database courses. Provides a research platform that can be used towards the collection of data to fulfill the thesis requirement. Prerequisite(s): MSCD 692 and permission of instructor.

## MASTER OF SCIENCE: INFORMATION TECHNOLOGY MANAGEMENT (MSCI)

**MSCI 600. STRATEGIC INFORMATION TECHNOLOGY (3).** Presents the importance of information technology as a necessary component of a successful business. Focuses on the evolution of information technology from an enabling tool to a competitive business strategy. Illuminates roles of CIO. Prerequisite(s): MSCC 610.

**MSCI 610. ETHICS IN INFORMATION TECHNOLOGY (3).** Course illuminates ethical issues regarding information systems (access, data storage, and data utilization). Focuses on developing a set of ethical standards for professionals in information technology. As IS/IT professionals, we need to seize ideals and principles in a variety of traditional ethical systems and apply these conceptual structures and guidelines to major problems and dilemmas in an IS/IT workplace. Prerequisite(s): MSCC 610.

**MSCI 615. BUSINESS PROCESS ENGINEERING (3).** Focuses on the strategic and organizational issues of process management and the use of Enterprise Resource Planning systems (ERPs). Topics include major strategic approaches used to understand, analyze and implement efficient business processes, workflow modeling techniques, process modeling techniques and procedure models. NOTE: Acceptance to Graduate Programs required.

**MSCI 625. SUPPLY CHAIN MANAGEMENT (3).** Focuses on supply chain management from order through delivery, encompassing the interactions of suppliers and customers in a systematic process while utilizing the SAP platform to illustrate concepts and facilitate hands-on learning for students. NOTE: Acceptance to Graduate Programs required.

**MSCI 630. KNOWLEDGE MANAGEMENT (3).** Presents detailed insights into knowledge management focusing on concepts, theories and technologies that provide the foundation for knowledge management and on information technology as an important catalyst. Prerequisite(s): MSCI 600, MSCI 610, MSCI 680, MSCI 685 and MSCC 697

**MSCI 640. ENTERPRISE TECHNOLOGY MANAGEMENT (3).** Introduction to Enterprise Resource Planning systems. Emphasizes impacts on organizations, development of practical skills associated with Enterprise Resource Planning systems, and the SAP platform. NOTE: Acceptance to Graduate Programs required.

**MSCI 660. GLOBAL E-BUSINESS (3).** Surveys challenges facing business and IT professionals in an increasingly global, technological environment placing emphasis on infrastructure, integration, technology, cultural, organizational, sociopolitical issues, and appreciation of how types of IS influences international business practices. Prerequisite(s): MSCI 600, MSCI 610, MSCI 680, MSCI 685 and MSCC 697.

**MSCI 680. INFORMATION TECHNOLOGY PROJECT MANAGEMENT (3).** Investigates prevalent PM approaches (e.g. Traditional, Agile/Scrum) applicability and how blended best practices support project success. Analyzes project case failures to determine how to avoid failure and improve business outcomes. Covers PMO value-add. Prerequisite(s): MSCI 610.

**MSCI 681. ENTERPRISE PROJECT SYSTEMS (3).** Focuses on the total Program Management lifecycle. Introduces skills required to define, configure, plan and track different types of projects. Microsoft Project will be used to illustrate and execute Enterprise Project Management. Prerequisite(s): MSCC 610. NOTE: Acceptance to Graduate Programs required.

**MSCI 682. AGILE SYSTEMS DEVELOPMENT (3).** Explores systems development utilizing Lean, Agile methods to meet goals of timely delivery, meeting budgetary constraints,

delivering products frequently, maintaining predictable and reliable outcomes/products. Compares/contrasts traditional methods for delivering and managing projects with evolutionary approaches. Prerequisite(s): MSCI 600, MSCI 610, MSCI 680 MSCI 685 and MSCC 697.

MSCI 685. EMERGING TECHNOLOGIES (3). Covers the impact that advanced/emerging technologies and innovative management have on innovation diffusion within an organization. Critically analyzes case studies of innovation, including emerging processes, products, and organizational structures to discern best practices and develop adoption processes. . Prerequisite(s): MSCI 600 and MSCI 610.

MSCI 692. ITM PRACTICUM I (3). Includes a real world information technology strategic project using knowledge and skills developed in previous ITM courses. Prerequisite(s): MSCC 697 and permission of instructor. NOTE: Majors only.

MSCI 696. ITM PRACTICUM II (3). A continuation of ITM Practicum I. Includes a real world information technology strategic project using knowledge and skills developed in previous ITM courses. Prerequisite(s): MSCI\*692 and permission of instructor. NOTE: Majors only.

## MASTER OF SCIENCE: DATA SCIENCE (MSDS)

MSDS 600. INTRODUCTION TO DATA SCIENCE (3). Introduces foundational topics of data science including data manipulation, data analysis using statistics and machine learning, techniques for working with Big Data, communication of analysis using information visualization, and ethical use of data analyses. Prerequisite(s): MSCC 610.

MSDS 610. DATA ENGINEERING (3). Presents techniques for designing, building, and managing information with relational databases, NoSQL databases, and big data infrastructure. Provides a hands-on experience running the MapReduce algorithm on Hadoop ecosystem. Prerequisite(s): MSDS 600.

MSDS 620. DATA COLLECTION AND PREPARATION (3). Examines various data sources for input into data science type experiments. Static sources are examined and techniques for preparing the data for analysis are considered. Real time sources of data are also examined for the creation of dashboards. Prerequisite(s): MSDS 610.

MSDS 630. BIG DATA DESIGN PATTERNS (3). Characterizes the various types of big data problems. Introduces strategies and technologies for managing these problems. Includes computer lab experiments to exemplify the technologies. Prerequisite(s): MSDS 610.

MSDS 640. ETHICS, PRIVACY, AND SOCIAL JUSTICE IN DATA SCIENCE (3). Examines the ethical and privacy concerns in data science through various case studies and proposed codes of professional conduct. Concludes with an examination of data science experiments that can be used for social justice concerns. Prerequisite(s): MSDS 600.

MSDS 650. DATA ANALYTICS (3). Examines techniques for the discovery and communication of meaningful patterns in data. Techniques include experimental design, statistical

modeling, machine learning, computer programming, operations research, and data visualization. Introduces classification, clustering, and recommender systems. Prerequisite(s): MSDS 600.

MSDS 660. STATISTICAL METHODS AND EXPERIMENTAL DESIGN (3). Examines the statistical techniques creating models from data using linear regression and multiple linear regression. Continues with an examination determining the statistical variability between populations using ANOVA. Concludes with an analysis of information gathering techniques. Prerequisite(s): MSDS 650.

MSDS 662. EXPLORATORY DATA ANALYSIS (3). Focuses on analyzing and summarizing the main characteristics of data sets including visual methods. Explores techniques for formulating hypothesis about data for testing and for new data collection and experiments. Prerequisite(s): MSDS 650.

MSDS 664. STATISTICAL INFERENCE AND PREDICTIVE ANALYTICS (3). Examines the process of drawing conclusions about populations from sample data using statistical modeling, machine learning, and data mining. Techniques for determining the validity and the reliability of predictions are also considered. Prerequisite(s): MSDS 650.

MSDS 670. DATA VISUALIZATION (3). Examines the creation and study of visual representations of data with the goal of effectively communicating information. Encompasses visual analytics, design theories and methods, visual cognition and perception through the use of various visualization tools. Prerequisite(s): MSDS 650.

MSDS 672. VISUALIZATION WITH OPEN SOURCE TOOLS (3). Continues the visual examination of data. Focuses on open source tools for data visualization, including web based tools using JavaScript and HTML5 technologies. Studies open source GIS related visualization tools and other tools for creating infographics. Prerequisite(s): MSDS 650.

MSDS 680. MACHINE LEARNING (3). Examines the construction and study of software systems that learn from data. Includes supervised and unsupervised learning, and reinforcement learning techniques. Incorporates the use of various machine learning software systems and other statistical software systems for analysis of these techniques. Prerequisite(s): MSDS 650.

MSDS 682. TEXT ANALYTICS (3). Investigates linguistic, statistical, and machine learning techniques for modeling the information in textual sources. Includes information retrieval, natural language processing, text classification, and sentiment analysis and the software systems for performing these analyses. Prerequisite(s): MSDS 650.

MSDS 684. OPTIMAL DECISION MAKING (3). Investigates sequential decision making problems that require making multiple decisions over time. The theory behind optimizing this decision making process as well as practical techniques for finding optimal decision sequences is examined. Prerequisite(s): MSDS 650.

MSDS 692. DATA SCIENCE PRACTICUM (3). Provides a hands-on Data Science lab experience that covers all phases of a typical data science project--data discovery, data preparation,

model planning, model building, and communicating results. Concludes with a mock presentation to stakeholders--senior management or investors. Prerequisite(s): MSDS 650.

**MSDS 696. DATA SCIENCE PRACTICUM II (3).** Continues a hands-on Data Science lab experience that covers all phases of a typical data science project, data discovery, data preparation, model planning, model building, and communicating results. Concludes with a mock presentation to stakeholders, senior management or investors. Prerequisite(s): MSDS 692.

## MASTER OF SCIENCE: ENTERPRISE SYSTEMS ENGINEERING (MSES)

**MSES 602. INTRODUCTION TO DEVOPS ENGINEERING (3).** Introduces the methodologies, tools, and insights of the DevOps process and what it can do for an organization. The course covers development, deployment and operations including infrastructure as code, continuous deployment, testing automation, validation, monitoring and security.

**MSES 612. FUNDAMENTALS OF ENTERPRISE SYSTEMS ENGINEERING (3).** Explores systems thinking by comparing and applying systems frameworks, methodologies, design techniques and management tools to problems. The student is provided a systematic approach in identifying stakeholders needs, including human factors, integration, maintainability, and serviceability/reliability; analyzing the problem, developing solution requirements, and designing a system to address those needs. Prerequisite(s): MSCC 610.

**MSES 614. SYSTEM ARCHITECTURE AND DESIGN (3).** Expands on MSES 612 with a focus on the fundamentals of system architectures and the architecting process, including practical heuristics for developing good architectures. Course looks inside the system boundary to develop a specification for a set of logical and physical elements that comprise the logical and physical architectures, defined to meet the system requirements reviewed during SRR. The course culminates with a Preliminary Design Review (PDR) in which the system design is reviewed before detailed design can begin. Prerequisite(s): MSES 612.

**MSES 618. CONTINUOUS INTEGRATION (3).** Explores rapid application development and integration processes designed to build, maintain, secure, test, and validate continuous integration processes. Covers the principles and processes of change management, early validation, integration, test, verification, transition, and live system validation within the Enterprise Systems Engineering discipline. The course enables students to more effectively integrate and prove-in solutions that meet system requirements and customer needs. Prerequisite(s): MSES 614.

**MSES 622. SYSTEMS REQUIREMENTS ENGINEERING (3).** Theory and applications of requirements elicitation, analysis, modeling, validation, testing, and writing for hardware, software, and enterprise systems. Students will define and prioritize customer expectations, elicit and analyze functional and quality attribute requirements, and develop artifact models, meta-models, and prototypes. Additional activities to derive

and generate test cases from UML diagrams, deploy validation, verification, and rapid development procedures, & perform hazard analysis, risk assessment, and threat modeling. Prerequisite(s): MSES 612.

**MSES 642. DEPLOYING AND MANAGING A CLOUD INFRASTRUCTURE (3).** Introduction to provisioning, operating, and managing distributed application systems on a Cloud-based platform. Prerequisite(s): MSES 602

**MSES 692. ENTERPRISE SYSTEMS ENGINEERING PRACTICUM I (3).** Students apply enterprise systems engineering knowledge to one or more projects in support of Regis and/or community organizations. Activities include investigation into research topics and practice with a variety of software and hardware platforms. Prerequisite(s): MSES 618 and MSCC 697.

**MSES 696. ENTERPRISE SYSTEMS ENGINEERING PRACTICUM II (3).** A continuation of MSES 692. Students apply enterprise systems engineering knowledge to one or more projects in support of Regis and/or community organizations. Activities include investigation into research topics and practice with a variety of software and hardware platforms. Prerequisite(s): MSES 692 and MSCC 630.

## MASTER OF SCIENCE: INFORMATION ASSURANCE (MSIA)

**MSIA 605. ADVANCING TO CYBER SECURITY (3).** Instills students with a breadth-first approach that surveys the fundamental aspects of computer systems and establishes a context for subsequent courses in cyber security.

**MSIA 670. ENTERPRISE INFORMATION ASSURANCE (3).** Introduces the basic Information Assurance (IA) model; security of the database, the application and the system. Examines current security standards, best practices and auditing practices.

**MSIA 672. MANAGING A SECURE ENTERPRISE (3).** Provides the knowledge of designing and managing a secure enterprise. Includes aspects of enterprise security, physical security, disaster-recovery planning, and business continuity planning.

**MSIA 673. LEGAL BASICS IN CYBER AND INFORMATION SECURITY (3).** Legal interpretation of security policy and resulting obligations providing a background to create a stable set of processes, frameworks, and models capable of handling multiplying domestic and international laws and regulations. Prerequisite(s): MSIA 670 and MSIA 672 or permission of instructor.

**MSIA 674. PLANNING AND IMPLEMENTING ARCHITECTURE SECURITY (3).** Explores security policy development, implementation and standards compliance and testing on corporate systems, application and data. Examines target architectures: telecommunications and wireless enterprise corporate data network.

**MSIA 675. OFFENSIVE CYBER SECURITY (3).** Exposes student to the different hands-on tactics used by offensive cyber security professionals. Topics include reconnaissance, hijacking,

cracking, vulnerability exploitation, and malware deployment. Prerequisite(s): CIS 325, CIT 311, or permission of instructor.

**MSIA 676. SECURING AND PROTECTING: SYSTEMS, APPLICATIONS, DATA (3).** Provides the knowledge of building and protecting enterprise infrastructure and proprietary data. Topics include risk analysis, security policies, intrusion detection, damage control and assessment.

**MSIA 678. RISK MANAGEMENT (3).** Prepares students to evaluate an organizations exposure to information technology security threats using rigorous policy and standards based analysis of the existing policy directives and the derived threat matrix.

**MSIA 680. COMPUTER FORENSICS (3).** Explores computer forensics encompassing a variety of legal and technical challenges. Provides hands-on and theoretical experience with technology, techniques and legal policy during investigation of computer components. Prerequisite(s): CIS 325 and CIT 311.

**MSIA 682. NETWORK FORENSICS (3).** Examines forensic analysis of networks utilizing unique and sophisticated sets of tools, techniques and legal policies. Covers established concepts, methodology and tools to enhance performance of network forensics. Prerequisite(s): MSIA 675, MSIA 680, or permission of instructor.

**MSIA 683. ADVANCED FORENSICS (3).** Assessment and evaluation of forensic artifacts from systems, networks and hosts with respect to legal techniques and policy utilizing tools and appliances. Provides exposure to real-life scenarios through competition based learning. Prerequisite(s): MSIA 680 and MSIA 682 or permission of instructor.

**MSIA 684. IT AUDITING (3).** Combines accounting, regulation and IT security practices to educate students to protect organizational assets through establishment of auditing best practices, current governmental reporting standards, Sarbanes-Oxley requirements and secure management techniques. Prerequisite(s): MBAA 602 or MSAA 602 or permission of instructor. Cross listing: MBAA 614 and MSAA 614.

**MSIA 685. MALWARE ANALYSIS AND RESPONSE (3).** Learn to analyze malicious programs, web pages, and documents. This analysis can be used to identify other indications of infection and block further damage to the company targeted.

**MSIA 686. XBRL AND INTERACTIVE DATA (3).** Examines XBRL, the language for electronic communication of business and financial data used for financial reporting, SEC and regulatory reporting, corporate and governmental application of interactive data, taxonomy development, and data tagging software. Prerequisite(s): MSCC 610 and MSCC 697 or permission of instructor. Cross listing: MBAA 612P and MSAA 612P.

**MSIA 692. INFORMATION ASSURANCE PRACTICUM I (3).** Students gain additional information assurance experience through operational assignments in support of the Academic Research Network through investigation into research topics and practice with a variety of software and hardware platforms. Prerequisite(s): MSCC 630 and permission of instructor.

**MSIA 696. INFORMATION ASSURANCE PRACTICUM II (3).** Continuation of Information Assurance Practicum I. Students

gain additional information assurance experience through operation assignments in support of the Academic Research Network through investigation into research topics and practice a variety of software and hardware platforms. Prerequisite(s): MSIA 692 and permission of instructor.

## MASTER OF SCIENCE: SOFTWARE ENGINEERING (MSSE)

**MSSE 500. FOUNDATIONS OF PROGRAMMING THROUGH GAME DEVELOPMENT (3).** Introduces the principles of programming through game development. Students learn how to design, implement and test games using Java-based game engine.

**MSSE 600. OBJECT-ORIENTED SOFTWARE ENGINEERING (3).** Introduces the Software Engineering Body of Knowledge and the Unified Modeling Language used to communicate the design of object-oriented software systems. Presents an Agile software development process that is enabled with the use of a layered software architecture. Prerequisite(s): MSCC 610.

**MSSE 610. SOFTWARE REQUIREMENTS AND PROCESSES (3).** Examines acquisition, analysis, specification, validation, and management of software requirements. Explores formal software processes, including the definition, implementation, measurement, management, change, and improvement of the software engineering process. Prerequisite(s): MSSE 600.

**MSSE 620. SOFTWARE CONSTRUCTION, TOOLS, METHODS (3).** Explores the construction of working, meaningful software through a combination of coding, validation, and testing by a programmer. Examines software development environments and software development methods. Prerequisite(s): MSSE 600.

**MSSE 640. SOFTWARE QUALITY AND TEST (3).** Introduces the software quality assurance process and the means to monitor, control, and evaluate software quality. Presents software testing techniques, tools, and processes. Covers both plan-driven and Agile techniques for software quality and test. Prerequisite(s): MSSE 600.

**MSSE 642. SOFTWARE ASSURANCE (3).** Provides a detailed explanation of software assurances practices, methods, and tools required throughout the software development life-cycle. Applies life-cycle knowledge in exploring common programming errors and evaluates common software testing tools. Prerequisite(s): MSSE 600 and MSSE 670.

**MSSE 645. SOFTWARE CONFIGURATION MANAGEMENT, MAINTENANCE (3).** Examines the identification of the configuration of systems for the purpose of controlling change. Addresses modification of software after delivery to correct faults, improve performance, or to adapt it to new environments. Prerequisite(s): MSSE 600.

**MSSE 650. IOS SOFTWARE DEVELOPMENT (3).** Introduces iOS software development, using the Objective-C programming language and the Cocoa Touch framework for the iPhone and iPad mobile devices. Includes development of a project using XCode, in preparation for deployment.



**MSSE 652. ENTERPRISE IOS SOFTWARE DEVELOPMENT (3).** Introduces advanced features of iOS software development including techniques for integrating web services and the use of other API's for app development. Includes development of a distributed software project using XCode and other developmental tools.

**MSSE 655. ANDROID SOFTWARE DEVELOPMENT (3).** Introduces Android software development, using the Java programming language, Android Developer Tools (ADT) and the Android Studio for Android mobile devices. Includes software development of a project in preparation for deployment to Android devices.

**MSSE 657. ENTERPRISE ANDROID SOFTWARE DEVELOPMENT (3).** Introduces advanced features of Android software development, including techniques for integrating web services and the use of other API's for app development. Includes development of a distributed software project.

**MSSE 661. WEB SOFTWARE DEVELOPMENT (3).** Introduces web page development using HTML/HTML5, CSS/CSS3, and JavaScript. Student learn how to design and develop a website, structure and style its content, and navigate/update the document object model (DOM).

**MSSE 663. WEB FRAMEWORKS (3).** Covers the most popular JavaScript frameworks, including jQuery, AngularJS, and Google Maps. Students learn how to use these frameworks to do DOM manipulation, AJAX, single page applications, and the display/manipulation of maps.

**MSSE 665. WEB VISUALIZATION FRAMEWORKS (3).** Covers popular visualization frameworks that facilitate the presentation of pertinent information to the end user. Students learn various techniques that transform raw data into information that is relevant to end users. Prerequisite(s): MSSE 663.

**MSSE 667. WEB MOBILE FRAMEWORKS (3).** Covers popular mobile frameworks that enable the creation of mobile web page apps using HTML, CSS and JavaScript. Students learn how to build rich, interactive web applications that run on virtually all devices (e.g. Android, IOS, Windows).

**MSSE 670. JAVA SOFTWARE DEVELOPMENT (3).** Introduces use-case driven iterative software development techniques using a layered software architecture using the Java programming language. Topics include unit testing, the use of various software patterns, and refactoring code. Requires students to document and develop a project using layered software architecture. Prerequisite(s): MSSE 600 and undergraduate-level programming skills.

**MSSE 672. ADVANCED JAVA SOFTWARE DEVELOPMENT (3).** Introduces advanced features of the Java software development environment along with auxiliary software development tools. Topics include Eclipse, the Ant build tool, the use of Java exceptions and logging, collections and generics, JDBC and object-relational mapping with Hibernate, XML processing, client-server programming, and multithreaded applications. Prerequisite(s): MSSE 670.

**MSSE 674. ENTERPRISE JAVA SOFTWARE DEVELOPMENT (3).** Continues the advanced use of the Java 2 Platform. Topics include web applications and Java 2 Enterprise Edition.

Emphasizes the use of Java Servlets and Java Server Pages (JSPs) to develop web application using a layered software architecture. Other topics include Custom Tag libraries, Apache Struts, request and response filters, and security. Prerequisite(s): MSSE 672.

**MSSE 676. ADVANCED ENTERPRISE JAVA SOFTWARE DEVELOPMENT (3).** Continues development of Java EE applications with Enterprise Web Service Technologies. Topics include: Java for XML Web Services, Java for RESTful Web Service, Context and Dependency Injection, Java Persistence API, Enterprise JavaBeans, and Application Security. Prerequisite(s): MSSE 674.

**MSSE 680. C# SOFTWARE DEVELOPMENT (3).** Introduces use-case driven iterative software development techniques with a layered software architecture using the C# programming language. Topics include unit testing, the use of various software patterns, and refactoring code. Requires students to document and develop a software project using layered software architecture. Prerequisite(s): MSSE 600.

**MSSE 682. ENTERPRISE C# SOFTWARE DEVELOPMENT (3).** Focuses on programming on the .Net Frameworks and C#. Topics include Windows Forms Development, project deployment, data access with ADO.NET and XML, Web programming using ASP.NET and Web Forms, Web Services, and SQL Server and other RDBMS. Prerequisite(s): MSSE 680.

**MSSE 692. SOFTWARE ENGINEERING PRACTICUM I (3).** Begins development of a distributed software system using the principles of Service Oriented Architectures. Encourages use of a cloud provider like Amazon Web Services, Windows Azure, or the Google App Engine. Prerequisite(s): MSCC 630.

**MSSE 696. SOFTWARE ENGINEERING PRACTICUM II (3).** Completes development of the software system begun in MSSE 692. Concludes with a presentation and paper to mock stakeholders, such as senior management or investors. Prerequisite(s): MSSE 692 and permission of instructor.

## MASTER OF SCIENCE: SOFTWARE ENGINEERING AND DATABASE TECHNOLOGIES (MCT)

NOTE: Students must be accepted into the MSSED (MCT) program prior to enrolling in MCT courses.

**MCT 609. FUNDAMENTALS OF PROGRAMMING (3).** Foundational programming module suitable for students with no previous experience of programming and those with moderate previous knowledge. Provides a foundation in key concepts of functional programming, as well as an appreciation of object-oriented programming.

**MCT 610. SOFTWARE ENGINEERING (3).** Introduces comprehensive concepts of software engineering including structured software analysis, design and management techniques, systems development lifecycle (SDLC), structured systems analysis and design techniques, Computer Aided software Engineering (CASE) tools, and software project management. Prerequisite(s): MCT 619.

**MCT 611. COMPUTER ARCHITECTURE AND OPERATING SYSTEMS (3).** Explores the concepts of computer architecture and operating systems including system components, access methods, numbering systems, and digital logic. Examines operating system design including architectures, input/output, memory, process management, file management and security.

**MCT 618. OBJECT-ORIENTED DESIGN (3).** Introduces object oriented analysis and design techniques and industry standard notation UML (Unified Modeling Language). Students develop analysis and design models using CASE tools tracking systems from inception through analysis, solution design, and technical implementation. Prerequisite(s): MCT 610.

**MCT 619. OBJECT-ORIENTED PROGRAMMING (3).** Explores object modeling, class definition, inheritance, composition, encapsulation, polymorphism, abstract classes, and interfaces. Focuses on the Java programming language emphasizing applets, graphics, data storage, multi-threaded programming, and exception handling. .

**MCT 620. DISTRIBUTED SYSTEMS (3).** Investigates design and implementation of internet based distributed applications including APIs, frameworks, standard internet protocol stack, client/server architectures, network programming, Java, I/O, multithreaded programming, Sockets, thin client/web server support, Servlets, JSP, EJBs and web services. Prerequisite(s): MCT 619.

**MCT 621. ARTIFICIAL INTELLIGENCE (3).** Introduces the concepts and techniques of Artificial Intelligence (AI) including use of the Prolog language, knowledge representation, machine learning, expert systems, uncertainty, neural networks, and real world application of AI techniques. Prerequisite(s): MCT 609.

**MCT 622. REAL-TIME SYSTEMS (3).** Explores embedded real-time systems including foundations, designing and developing software, implementation, and performance issues. Focuses on dependable software, design concepts, real-time operating systems (RTOSs), language selection, benefits, testing,

static/dynamic analysis methods, tools, debugging, and documentation. Prerequisite(s): MCT 610 and MCT 611.

**MCT 623. GRAPHICS PROGRAMMING (3).** Introduces theoretical concepts of modern graphics programming including compromises and trade-offs. Hands-on experience will be gained in two graphics programming environments: Virtual Reality Modeling Language (VRML) and Open Graphics Library (OpenGL). .

**MCT 624. THESIS FOUNDAMENTALS (3).** Assists students in developing a thesis topic working under an approved research director.

**MCT 626. THESIS (3).** Assists students to refine their thesis statement, to explore various research methods, to create a project plan, and to begin their secondary research.

**MCT 628. SOFTWARE QUALITY AND TEST (3).** Reviews the Software Quality Assurance (SQA) and Verification and Validation (V&V) processes. Addresses verification of the behavior of a program on a set of test cases selected from the execution domain. Prerequisite(s): MCT 610.

**MCT 692. DATABASE PRACTICUM I (3).** Simulates a real-world information technology organization where students enhance skills learned in previous database courses. Provides a research platform that can be used towards the collection of data to fulfill the thesis requirement. Prerequisite(s): MSCD 640. Cross listing: MSCD 692.

**MCT 696. DATABASE PRACTICUM II (3).** Continuation of Database Practicum I. Simulates a real-world information technology organization where students enhance skills learned in previous database courses. Provides a research platform that can be used towards the collection of data to fulfill the thesis requirement. Prerequisite(s): MCT 692. Cross listing: MSCD 696.



## **COLLEGE OF CONTEMPORARY LIBERAL STUDIES**

## COLLEGE OF CONTEMPORARY LIBERAL STUDIES

Regis University  
David M. Clarke, S.J. Hall  
Mail Code: L-22  
3333 Regis Boulevard  
Denver, CO 80221-1099  
303-458-4080  
1-800-944-7667 (toll free)  
303-964-5274 (fax)

### CAMPUS SITES

Regis University campus centers are located in the following areas/communities:

#### Colorado

Colorado Springs  
Denver Tech Center  
Northwest Denver  
Thornton

Students should consult an Enrollment Counselor for available learning formats and campus locations. Each degree is designed to address the educational needs of adult learners. The degrees vary in format, content, and delivery systems, but they share a common commitment to a high quality, value-centered educational experience for adults.

## CCLS DEGREE AND CERTIFICATE OFFERINGS

### BACHELOR OF APPLIED SCIENCE

#### Specializations

Community Interpreting  
Homeland Security  
Interdisciplinary Studies  
Management

### BACHELOR OF ARTS

#### Communication

##### Optional Specializations

Conflict Management  
Leadership

#### Elementary Education

#### Global Studies

#### Liberal Arts

### BACHELOR OF SCIENCE

#### Applied Psychology

#### Criminology

### Undergraduate Academic Certificate

Professional Liberal Studies

### MASTER OF ARTS (MA)

Individually designed, multidisciplinary program.

### MA Graduate Academic Certificates

Liberal Studies  
Professional Studies

### MASTER OF ARTS (MAE))

#### Education

##### Specializations

Learning and Teaching  
Teacher Leadership  
Teaching the Linguistically Diverse

Culturally and Linguistically Diverse Education Endorsement

### MASTER OF EDUCATION (M.Ed.)

#### Educational Leadership

#### Elementary Education

#### Reading

#### Secondary Education

#### Special Education Generalist (Initial and Added Endorsement)

### MAE and M.Ed Graduate Academic Certificates

Culturally and Linguistically Diverse Education

Educational Leadership

Literacy

Teacher Leadership (TL)

### MASTER OF FINE ARTS

Creative Writing

### MASTER OF SCIENCE

#### Criminology

## CCLS GENERAL INFORMATION

Unless otherwise noted, the College of Contemporary Liberal Studies follows all policies and procedures as stated in the General Information section of this *Catalog*.

### MISSION

The College of Contemporary Liberal Studies offers innovative, accelerated higher education for adult learners to meet their academic, professional and personal goals, and to make a positive impact in a changing society. Inspired by the Regis University Mission which focuses on the common good, we motivate and challenge a diverse community of students, faculty and staff to acquire knowledge, abilities and commitments necessary for distinguished professional work and leadership in service to others.

### PURPOSE

The College of Contemporary Liberal Studies develops and administers undergraduate and graduate degree programs, certificates, credit courses, and non-credit courses for both traditional and non-traditional learners. These offerings tailor learning to the adult learner through classroom-based, guided independent study, or distance learning delivery. The College of Contemporary Liberal Studies is structured to serve two general groups: those who wish to complete a program leading to a degree and those who seek specialized training or knowledge to increase their competence in their current occupation or profession or to prepare themselves for a new occupation or profession.

### Master's Degrees

The Regis University College of Contemporary Liberal Studies is nationally recognized as a leader in education providing adults with innovative, professional, collaborative educational programs. Graduate study has a substantive tradition in CCLS, dating from 1978, when the first graduate degree was offered at Regis. The graduate degrees vary in content, delivery system and focus; however, they hold in common a commitment to serving adult learners with quality, value-oriented, relevant graduate education.

### PROGRAM DESCRIPTION

The Regis University College of Contemporary Liberal Studies recognizes that lifelong learning is integral to professional growth. No longer can the working professional survive on the assumption that the completion of a formal program in a prescribed number of years is adequate preparation for a lifetime of work. This concept must give way to a concept of lifelong education as an integral part of a career.

The teaching/learning theories and strategies of the College of Contemporary Liberal Studies are drawn from the field of andragogy--the art and science of helping adults learn. In particular, four assumptions drawn from the work of Malcolm Knowles are implemented in programs offered by the College of Contemporary Liberal Studies.

**Changes in Self-Concept:** As people grow and mature their self-concept moves from one of dependency to one of increasing self-directedness. Adult learners are accustomed to making important decisions in their personal and professional lives. An educational program that seeks to meet adult learners on a psychologically sound and healthy basis must encourage increasing self-directedness.

**Role of Experience:** As individuals mature, they accumulate an expanding reservoir of experience that causes them to be increasingly rich resources for learning. At the same time, this reservoir of experience provides them with a broadening base from which to relate new learning. Studies of cognitive changes in the adult years give evidence that both programmed and un-programmed experiences produce deep-seated changes in the way adults approach their thinking. Accordingly, for adult learners, effective education demands increasing emphasis on experiential techniques that tap this experience.

**Readiness to Learn:** As individuals mature, their readiness to learn is decreasingly the product of biological development and academic pressures and is increasingly the product of the developmental tasks required for the performance of their evolving social roles. Adults, then, develop as workers, spouses, parents, organizational members and leaders, leisure time users and the like. There is no assumption that one has to sit passively by and wait for readiness to develop naturally. There are ways to stimulate readiness to learn through exposure to better models of performance, higher levels of aspiration and self-diagnostic procedures.

**Orientations to Learning:** Adults tend to have a problem-centered orientation to learning. While much of a child's education is one of postponed application, adults come to education because they are experiencing some need to improve their capabilities and demonstrate their competencies with some immediacy. Adult students want to apply tomorrow what they learn today.

### SERVICE LEARNING

Service Learning is a form of experiential education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development. Service Learning joins two complex concepts: community action, the "service" and efforts learned from that action and connect what is learned to existing knowledge, the "learning." Community service becomes service learning when it is connected to classroom curriculum and activities and contains opportunities for students to reflect on their experiences, thus allowing for consciousness raising and systemic change. This is particularly true for Jesuit education that has for centuries held a mission of forming men and women who seek to transform the world through service to others.

The College of Contemporary Liberal Studies Service Learning program seeks to assist CCLS faculty in integrating social justice and service learning concepts and activities across the curriculum in undergraduate and graduate programs. The Service Learning program in CCLS houses information regarding service learning opportunities for faculty, students and staff including a database of service opportunities and resources for curricular information. The CCLS Office of Service Learning offers site referrals and

consultation, faculty development, resource development, service learning newsletter, and evaluation.

## ADMISSION

All documents submitted during the application process become the property of Regis University.

### Undergraduate

Degree-seeking applicants for CCLS undergraduate degrees must possess:

- high school diploma from a regionally accredited high school or equivalent,
- transferable course credit from a regionally accredited college or university (preferred),
- evidence of work experience.

In addition, CCLS programs may request additional requirements for admission.

#### *Undergraduate Application Process:*

- Complete the online undergraduate application
- Pay the \$50 non-refundable application fee. The fee is waived for student who previously applied to Regis University and for students who have graduated from Regis University.
- Complete the personal statement essay. A short personal statement is required to be considered for admission.
- Request official transcripts from all institutions previously attended. Official transcripts are sent directly from the institution to Regis University.

Additional admission requirements (listed below) apply to international students who are non U.S. citizens.

### Undergraduate Teacher Education

All admissions materials must be received before undergraduate faculty can review the application for admission into the undergraduate degree/licensure program. Additionally, Teacher Education applicants must meet the following admission requirements:

- Completed Teacher Education Application for Admission.
- Completed Undergraduate Teacher Licensure Essay.
- Completed Undergraduate Teacher Licensure Interview.
- Non-refundable \$50 application fee (waived if previously paid to Regis).
- Minimum GPA of 2.500 from all previously attended colleges/universities.
- Official transcripts from all previously attended accredited colleges/universities.
- Three years full-time work experience after high school preferred.
- Review and clearance from any disqualifying felony/misdemeanor offense. Visit [regis.edu/CCLS](http://regis.edu/CCLS) for a list of disqualifying offenses.

- Background Check - students will be required to submit the designated background check along with their application materials.

Colorado and Wyoming licensure candidates are required to pass a state designated Content Area Exam prior to student teaching as defined within the chosen program.

Some regulations concerning licensing are mandated by the Colorado and Wyoming Department of Education. It is the student's responsibility to be aware of these licensing requirements. Regis University changes its requirements as necessary to meet state regulations.

### Graduate

#### *Graduate Application Process:*

- Complete the online graduate application
- Submit a \$50 non-refundable application fee. The fee is waived for student who have graduated from Regis University.
- Submit official degree-bearing transcripts from a U.S. regionally accredited institution or from a recognized foreign institution. Official transcripts are sent directly from the institution to the Regis University Office of Admissions.
- Complete the admission essay requirements as stated on the application.
- Submit current resume.
- Submit the designated background check (certain Education licensure programs only) required
- Submit professional and/or academic letter(s) of recommendation as outlined by the academic program requirements (not required for all graduate programs)
- Admission interview may be necessary.

Additional admissions requirements (listed below) apply to international students who are non-U.S. citizens.

#### **Provisional Admission**

An applicant may be admitted provisionally based on meeting the requirements for admission and is eligible to begin classes, but must complete outstanding prerequisite courses within a defined timeframe after enrollment, to continue at Regis. Should the outstanding prerequisite course(s) within the defined timeframe not be completed, the student will not be able to enroll for future classes at Regis within that program. It is up to the college and specified program requirements to determine the timeframe after enrollment for prerequisite course completion.

#### **Conditional Admission**

The academic program may allow a student to be conditionally admitted when identified conditions must be met prior to starting classes at Regis as a degree or certificate seeking student. These conditions are outlined for the applicant within a "terms and conditions" letter issued by the Office of Admissions. Examples of conditional requirements include prerequisite course completion, background check completion, or international document submission required to start classes in the identified degree or certificate program.



Also in this category are applicants who are actively enrolled as undergraduate students (at any regionally accredited institution) at time of applying to one of Regis' graduate programs. These active undergraduate applicants are permitted to enroll for the first eight week or five week term with current unofficial transcripts, but unable to enroll in future classes until official transcripts are received.

### **Probationary Admission**

Students who do not meet all academic admission criteria but demonstrate promise for the program may be admitted on a probationary basis. Under the probationary status, students must attain a grade of "B" or higher on the first nine hours of graduate course work or successfully complete designated requirements. A grade of "B-" or lower is not acceptable. Successful completion of the requirements removes the probationary status and may entitle students to good academic standing.

### **Official Transcripts**

Official transcripts must be received by the Office of Admissions for all applicants within 30 days of starting classes as a degree or certificate seeking student at Regis. Students may register for up to one five week or eight week term prior to official transcripts being on file. However, students will not be permitted to continue enrollment at Regis after this initial five or eight week term until official transcripts are on file in the Office of Admissions.

### **Graduate Writing Skills**

Since graduate writing skills are critical to the successful completion of a master's degree in CCLS, any student receiving an evaluation of 'Unsatisfactory' on either writing portion of the essays submitted with the application, will be required to complete MLS 500 and/or MLS 501, or EDFD 500, or its equivalent prior to entering any graduate level courses in the program.

### **International Students**

The College of Contemporary Liberal Studies welcomes international students. However, the curriculum places heavy emphasis on English reading, speaking and writing skills. No exceptions to degree requirements are made.

All international students must complete the general admission requirements for the program of interest and the following requirements:

- Submission of an official score report of Test of English as a Foreign Language (TOEFL) with a minimum score of 550 (paper-based) or 213 (computer-based) minimum essay (TWE) score of 5, or the approved web- Internet-based TOEFL total score of 82 with total minimum scores of: 24 Writing, 20 Speaking, 22 Reading, 16 Listening. Academic IELTS overall band score of 6.5 or higher is also acceptable in lieu of the TOEFL.

English proficiency requirements may be waived if one or more of the following criteria is met:

- English is the applicant's native language, or

- Proof is provided to Regis of satisfactory completion (grade of C or better) of a college-level English course at a U.S. regionally accredited institution through an official transcript. or
- The applicant is applying for a graduate or doctorate degree and has completed a U.S. undergraduate or graduate degree (taught in English), or
- The applicant submits an official letter from their secondary high school or university's registrar's office stating their previous school or university outside the U.S. taught their courses in English when they attended. or
- The applicant successfully completes and passes the Academic English program at Language Consultants International (LCI) at a level 7 or higher and provides an official LCI certification of completion indicating satisfactory completion of this English program. LCI is accredited by the Commission on English Language Program Accreditation (CEA).
- A course-by-course evaluation of all international academic credentials from a credential evaluation service approved by the Office of Admissions.
- Submission of documentation to the program office of financial ability to pay one year's expenses, including tuition, fees, living expenses, etc., and demonstrate adequate coverage for Health Insurance in the United States, for issuance of an I-20 by the Office of Academic Records and Registration. An I-20 cannot be issued until the student has been admitted by the University.

Additional English instruction may be required on or after admission to the program to ensure success in completing course work.

For Graduate Program students, the applicant's undergraduate degree must be equivalent to a four year bachelor's degree granted by a regionally accredited college or university in the United States. Equivalency is determined by an approved credential evaluation service paid for by the applicant. In addition, applicants with an international background must demonstrate graduate level English writing skills.

International applicants processing or seeking a student visa can only be considered for full acceptance (not conditional), and must maintain a full-time course load. International applicants are not eligible for Financial Aid.

To ensure enough time for the processing of international student applications, it is recommended that international students apply no later than six weeks before the academic period for which enrollment is intended. Applications received later may not be processed in time and may have to be held for the following academic period. All documents submitted during the application process become the property of Regis University. Additional information on International Student Admission can be accessed at [www.regis.edu](http://www.regis.edu).

## Non-Degree Seeking/Special Students

### Undergraduate

Students seeking admission as a non-degree seeking, special student must:

- Submit the application and the application fee.
- Possess a high school diploma or equivalent.
- Possess transferable college credit from a regionally accredited college or university.
- Provide evidence of work experience.

A maximum of 18 semester hours may be taken.

Non-degree seeking students do not need to submit transcripts or a writing sample.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree-seeking students apply to degree requirements if the courses are appropriate for the selected degree.

### Non-Degree Seeking/Special Students in Teacher Education (Graduate/Undergraduate)

A student seeking admission as a non-degree seeking, special student must:

- Submit the special student application and fee
- Three year's work experience (preferred)
- Submit unofficial transcripts from regionally accredited colleges or universities
- Complete the designated background check
- Meet all prerequisite requirements for registered courses

A maximum of 9 semester hours may be taken.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree seeking students apply to degree requirements if the courses are appropriate for the selected degree.

### Graduate

Students seeking admission as a non-degree seeking, special student must:

- Submit the special student application and the application fee.
- Provide official documentation of a baccalaureate degree from a regionally accredited college or university.
- Have appropriate work experience.
- Meet prerequisite requirements.
- Have degree chair approval.

A maximum of nine semester hours may be taken. Additional semester hours may be taken with approval of the appropriate degree chair.

Non-degree seeking students are not eligible to receive financial aid or veteran's benefits.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree seeking students apply to degree requirements if the courses are appropriate for the selected degree.

## Certificate Admission

### Undergraduate

Applicants seeking a Certificate of Completion, an Academic Certificate, or special student status must submit a completed application for admission and the required fee. Additional documentation is not required. However, if the student intends to matriculate as a degree-seeking student, he/she must meet the requirements of degree-seeking candidates outlined above.

### Graduate

To be considered for admission, an applicant must submit a completed application, application fee, student copies of the degree granting transcripts (to be followed by official copies), and other required documents to the Admissions Office, (see the specific requirements for the certificate in each school.) After the application file is determined to be complete, it is sent to the applicant's academic program for review, a faculty interview (if required), and final decision on admission. Official copies of all required transcripts must be received by the Admission Office within 30 days of the original application.

## Returning Students

### Undergraduate

Undergraduate degrees are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a period of time. They may return at any time within the seven year degree completion time period.

Students near the end of their seven year program limit and within 24 semester hours of completing their degree may request from their advisor an approval of a program of study extension. The extension is for a maximum length of one year.

Students who return to a Teacher Education program with licensure will be subject to the current requirements of that license.

### Graduate

Graduate degrees are designed to allow flexibility in the completion of the course of study. Students may find it necessary to stop taking courses for a period of time. They may return at any time within the six year degree completion time period.

Students near the end of their six year program limit and within 9 semester hours of completing their degree may contact their school and request an approval of a program of study extension. The extension is for a maximum length of one year.

## Expired Applications

Applications remain current for one year after submission. Students who do not enroll in any Regis course within one year must reapply and complete the admissions process under the policies and degree requirements in effect at the time of reapplication. No additional admission fee is charged.

## ACADEMIC INFORMATION

### STUDENT RESPONSIBILITIES

Students are expected to have college-level writing skills when they enter a program. These skills include writing mechanics (grammar, spelling, punctuation, word usage and structure) along with analysis of issues, support of position, and clarity of thought. Each student is responsible for meeting the writing standards designated by the degree program.

For master's students, a personal computer with a modem is an indispensable management tool. The benefits of having full-time access to a personal computer far exceeds those obtained through sharing the limited amount of equipment in Regis' computer laboratories. Students are encouraged to have access to their own personal computer, either through personal ownership, rental, or arrangements made with their employer.

### STUDENT ETHICS STATEMENT

An integral component of CCLS courses is student and facilitator/instructor self-disclosure and the use of personal experience for the purpose of facilitating course work. Each student is expected to honor confidentiality as it pertains to student disclosure. It shall be a violation of the ethical standards to use shared information, comments, or opinions expressed by another student or facilitator/instructor in the educational setting in a manner which is intended to humiliate, embarrass, harass, damage, or otherwise injure the student in his/her personal, public or business/professional life. In addition, confidentiality must be upheld by not disclosing any information which would identify a particular individual or organization.

An additional integral component of higher education is challenging one's own perceptions and beliefs regarding the course content and integrating information as well as understanding opposing perceptions and beliefs. Thus, students have the right to choose how much they will disclose and must also accept the responsibility of respecting disclosure of other students and facilitators/instructors.

### STUDENT STANDARDS OF CONDUCT

In the spirit of the Jesuit mission of Regis University, CCLS students and faculty share responsibility for maintaining an appropriate learning environment. This includes using information technology responsibly in online and other courses. In order for faculty members to provide and students to receive effective instruction in classrooms, laboratories, online courses, and other learning areas, the College of Contemporary Liberal Studies and the faculty expect students to conduct themselves in an orderly and cooperative manner and not engage in disruptive behavior,

disorderly conduct or intentionally interfere in the freedom of expression of others.

"Disruptive Behavior" or "Disorderly Conduct" as applied in all academic settings and formats (i.e., classroom, online, independent study, etc.) means behavior that a reasonable faculty member or student would view as intentionally or recklessly interfering with normal academic functions, university events, or university sponsored activities.

Examples include, but are not limited to: persistently speaking or commenting without being recognized or interrupting other speakers; behavior that distracts the class from the subject matter or discussion; or, in extreme cases, physical threats, harassing behavior or personal insults; refusal to comply with faculty direction including refusal to work in a group, using a cell phone or pager during a classroom session, inappropriate mediated communication; or behavior that has a negative impact in any learning environment.

Disruptive behavior also includes any other behavior covered by the Regis University Student Handbook: Code of Conduct which can be found at [www.regis.edu](http://www.regis.edu).

Students who fail to adhere to acceptable behavioral standards may be subject to discipline which may include reprimand, dismissal from the class and/or expulsion from the College of Contemporary Liberal Studies. Students who wish to appeal a decision regarding the consequences of their behavior should follow the Appeal Process outlined in the Regis University Student Handbook.

### LEARNING FORMATS

A variety of learning formats and locations offer students flexibility and options in completing graduate and undergraduate study. Among all degrees, close attention is given to the integration of theory and practice as well as opportunities to develop skills and abilities that prepare learners for changing demands of the workplace. Three learning options are available for students to earn Regis University credit: accelerated classroom-based, guided independent study, and online.

#### Classroom-Based

Classroom-based courses are offered in five, eight, and 16-week academic periods, weekend intensive format or in summer intensive format. Most courses meet one or two days/evenings each week for a total of 20 to 32 contact hours. Course learning format, selection, and availability vary by campus location.

Students choosing this option usually study a single subject area for a concentrated period of time. This course format is based on a facilitative model of learning.

Most accelerated classes require a minimum of 19-25 hours of combined study and classroom time each week, depending on the course content, course length and the student's learning style. While this model allows for degree completion in a shorter period of time, there is an increased expectation for independent learning outside the classroom.

## Directed Study

For directed study, student's share the responsibility for course design with a faculty advisor at Regis University, as well as an outside expert who serves as a course consultant. Plans for course study are formalized in a Learning Contract. The Learning Contract is similar to a course syllabus, and includes clear statements of course objectives, required learning activities and method of evaluation.

In addition to completing courses in the classroom or online, students may choose to complete a variety of undergraduate courses through an independent study format. In most cases, students will complete the same assignments – with a few revisions – as students in a classroom-based course. Each course will be taken in an eight-week format. Instructors will be chosen from the affiliate faculty within the College of Contemporary Liberal Studies.

Students spend approximately 45 clock hours per credit on each course, including planning time, meetings with their instructor, and doing the course work. For a three-semester hour course completed during an eight-week academic period, this would constitute a minimum of 17 to 20 hours each week. Selected courses are offered on the semester calendar.

## Online

Online courses are generally offered in an accelerated eight-week format over the Internet. These courses are designed to provide an interactive learning experience for students. Faculty and students communicate and collaborate through online discussions and e-mail. Course materials generally include textbook(s) and online workshops.

Lifestyle issues--including variable work schedules, family responsibilities, physical limitations or geographical inaccessibility--make this a viable option for adults pursuing higher educational goals. Regis Online courses primarily focus on the completion of a degree however many of the courses may be approved to apply toward other majors. Educational technologies like synchronous and asynchronous web technologies, CD and e-mail offer learners convenience and flexibility. Online courses have highly structured requirements and deadlines which fall within eight week academic terms.

Online students need to have computer equipment and skills at a specified minimum level. Please check with the undergraduate program for current requirements. Students should allocate a minimum of 20 hours each week for completing course assignments and participating in online discussions.

## CURRICULUM

Regardless of format, each course offered through the College of Contemporary Liberal Studies focuses on course objectives, required learning activities, and outcome evaluation. Close attention is given to the integration of theory and practice, as well as the opportunity to develop skills and abilities that prepare students for changing demands of the workplace.

Because effective written and oral communication skills are essential in both occupational and academic environments, the CCLS emphasizes the development of these skills.

## FACULTY

Facilitators, independent study course instructors, and presenters are frequently working professionals representing various corporations, businesses and organizations. All hold a master's or doctoral degree, and bring academic theory and current professional experience to the learning environment. An assessment process is employed to determine not only the knowledge base of each selected faculty member, but also his/her ability to facilitate the learning of adult students.

## ACADEMIC ADVISING

A unique feature of CCLS is its emphasis on academic advising. Advisors are available to assist with course planning and degree development as needed. Advisors provide assistance and recommendations to students from the point of admission through graduation.

## EARNING ACADEMIC CREDIT

Toward completion of degree, certificate, or licensure requirements, students may utilize a combination of the following methods for accumulating credit:

### Regis University Credit

Students may complete Regis University academic course work through any combination of the following learning formats as availability of course format permits:

- classroom-based courses
- directed study
- online courses
- blended courses (classroom-based and online combination)

Course work acquired through any of these learning formats, as well as courses available through the College of Business and Economics, the college of Computer & Information Sciences, Regis College or the Rueckert-Hartman College for Health Professions, meet the definition of Regis University credit.

All undergraduate students seeking a bachelor's degree and/or teacher licensure are required to complete a minimum of 30 semester hours at Regis University.

### Credit for Prior Learning

Many adult students have extensive work or life learning that can be documented and evaluated for undergraduate college credit. The College of Contemporary Liberal Studies offers two methods of assessing prior learning:

#### Prior Learning Assessment (PLA)

Regis University, like more than 1,500 other American colleges and universities, awards credit for documented, college-level learning gained through experience, and/or on-the-job training programs. A portfolio of prior learning consists of one or more essays in which the student demonstrates the knowledge equivalent to that gained from a college course. PLA credit may be awarded for a wide range of areas of expertise. Students can

petition to earn credit in any college-level subject area (e.g., business, computers, fine arts, creative writing, religious studies, and photography). Regis University uses [learningcounts.org](http://learningcounts.org) to assess prior learning by portfolio. Undergraduate teacher licensure students may be able to utilize the PLA assessment process to evaluate prior learning at the undergraduate level.

Students may petition for a maximum of 45 semester hours of PLA credit. Credits earned through the PLA process do not apply toward the Regis University residency requirements (30 semester hours). Students may obtain additional information from [portfolio@regis.edu](mailto:portfolio@regis.edu).

### **Credit by Exam**

Students' prior learning may also be accessed through several testing options. Two nationally standardized exams are available: College Level Examination Program (CLEP) and Defense Activity for Nontraditional Education Support (DANTES). In addition, students who have experience in the course content area may be awarded credit for courses offered at Regis University through Challenge Exams. While there is no limit to the amount of credit that can be awarded through these testing programs, these credits do not apply toward meeting the Regis University residency requirement. Teacher licensure students may be able to use DANTES and CLEP examinations to document credit for undergraduate level courses required for teacher licensure.

Students are advised to review their previous college work with an advisor and seek approval prior to taking any examination to avoid duplicate or unacceptable credit.

#### ***College Level Examination Program (CLEP)***

There are over 30 standardized CLEP exams in a wide range of academic areas offered nationally through the College Board. Most CLEP exams meet specific Regis University degree requirements.

The most recent Official Handbook for CLEP Examination is available in most bookstores, including the Regis University Bookstore, library and Regis website at [www.regis.edu](http://www.regis.edu). This guide should be used as a reference in preparation for all CLEP exams. Minimum scores required for awarding credit are established by the University. Students who do not achieve a passing score must wait six months to retake the exam.

#### ***Defense Activity for Nontraditional Education Support (DANTES)***

DANTES Subject Standardized Tests (DSST) was originally developed for military personnel. They are similar to the CLEP exams but cover additional subject areas.

Fact sheets for each DANTES exam are available from the Testing Center or Regis website. Minimum scores required for awarding credit are established by the University. Students who do not achieve a passing score must wait six months to retake the exam.

#### ***Challenge Exams***

Over 30 exams have been developed by Regis faculty. Business, computer science, accounting and speech communications are examples of the subject areas offering Challenge Exams. Students who wish to take a Challenge Exam are required to have experience in the subject area that they want to "challenge." Exams are graded on a Pass/No Pass basis, and the grade is recorded on the student's academic transcript. Students who do not pass the Challenge Exam are not eligible to re-take the exam

or petition for credit for the course through prior learning assessment.

Information for each exam may be obtained directly from the Regis Learning Commons, room 241, David M. Clarke, S.J. Hall or at [www.regis.edu](http://www.regis.edu).

### **Transfer Credit**

An official evaluation of transfer credit will be completed only after all admissions requirements have been met, formal admission to the University has been granted, and the student has submitted the required official credentials. Any evaluation of transfer credit completed prior to meeting all these conditions is considered unofficial.

Transfer credit policies vary for undergraduate and graduate programs in the College of Contemporary Liberal Studies. In order to ensure acceptance of transfer credit from other institutions once students are enrolled at Regis University, all transfer courses need prior approval of an undergraduate advisor, graduate faculty advisor or designee. Undergraduate transfer credit with a grade of "C-" or better is accepted in transfer toward an undergraduate degree. Graduate transfer credit with a grade of "B-" or better is considered for transfer toward a graduate degree. For additional information on transfer credit, students should refer to the Transfer Credit Information in the Regis University General Information section of this *Catalog*.

### **Undergraduate**

The College of Contemporary Liberal Studies accepts credit toward core, lower division major, general elective requirements, and up to half of the upper division semester hours required for the major and (if applicable) half of the upper semester hours required for the minor in transfer credit. A maximum of 90 semester hours may transfer toward an undergraduate degree. Once the student has applied, all remaining upper division (advanced) course work must be completed at Regis. Specific questions concerning the evaluation of credits should be directed to an advisor.

In addition to credit transferred from regionally accredited institutions of higher learning, the CCLS Undergraduate Program has established provisions for the acceptance of military, business and industry training, and technical credit.

### **Graduate**

Of the total semester hours required for any one of the graduate degrees, no more than 20% of the total semester hours required may include transfer credit course work, or course work included in a previously earned degree from another regionally accredited college or university or from Regis University. Graduate degrees with the total semester hours required equal to either 30 or 36 semester hours may transfer a maximum of 6 semester hours. Graduate degrees for which 48 semester hours are required permit 9 semester hours of transfer credit. Acceptance of transfer course work is based on a course content review. Transfer course content must be equivalent to a degree course.

Course(s) considered for transfer must be graduate level and be equivalent to a course required for the degree or meet a degree requirement category (e.g., general elective). Students must have

earned a minimum grade of “B-“ for the course(s) to be eligible for transfer and only credit completed within the last ten years is eligible for transfer consideration. Some graduate programs may have a more restrictive age limit for transfer credit than the University limit of ten years. Students may also be requested to submit official course descriptions or a course syllabus. Transfer credit is approved by a graduate faculty, assistant dean, or designee.

Course work is eligible for transfer at any point during the program of study unless otherwise stated. Graduate degree programs may have more specific or more restrictive transfer credit policies than these stated policies. Specific transfer credit policies are stated in the appropriate graduate degree section of this *Catalog*.

### **Military Credit**

Credit is awarded upon recommendation of the ACE Guide for Educational Experiences in the Armed Services.

### **Business and Industry Training**

Credit is awarded upon recommendation of the American Council on Education National Guide for ACE evaluated courses in business and industry training programs and the National College Credit Recommendation Service (NCCRS).

### **Technical Credit**

Technical credit is defined as college-level credit in the practical, industrial or mechanical arts or the applied sciences. The credit must come from a regionally accredited institution, or from institutions with certain national accreditations. A maximum of 24 semester hours of Technical Occupational Specialty (TOS) credit are allowed to transfer as undergraduate general elective credit.

### **REGISTRATION**

Students may register online via WebAdvisor, in person, or by phone. Students may register and pay at any Regis University site.

### **Add/Drop**

College of Contemporary Liberal Studies students may drop a course through the end of the published add/drop period via online through WebAdvisor, in person, by phone, e-mail, or at any Regis University site. When students drop a course within the add/drop period, the course does not appear on the transcript and tuition charges are credited to the account.

### **TUITION AND FEES**

Registration confirmations and invoices are mailed to students. Payment of tuition and fees is expected during the first week of the academic period. There are several payment options, which are explained in the General Information section of this *Catalog*. Students are also urged to go to the Regis website, [www.regis.edu](http://www.regis.edu) for more information.

### **CONCURRENT ENROLLMENT IN OTHER REGIS PROGRAMS**

Concurrent enrollment is defined as taking courses simultaneously in more than one Regis University college. Students may take courses in multiple programs within colleges to fulfill degree requirements for graduation.

Students in the College of Contemporary Liberal Studies may register for courses offered in the College of Business and Economics, the College of Computer & Information Sciences, Regis College or in the Rueckert-Hartman College for Health Professions that are open to non-majors. CCLS students must obtain the approval of their advisor. Tuition and fees are charged at the rate of the program offering the course.

### **COURSE AVAILABILITY**

Regis University does not guarantee that courses will be offered at the same campus location or on the same evening as they were offered for a previous academic period. A course is subject to cancellation if the minimum student registration for that course is not met.

### **CLASS ATTENDANCE**

Students are expected to make every effort to attend all class meetings. Attendance standards for individual courses are established in writing by the instructor at the first class session. Students unable to attend the first class must contact the instructor ahead of time.

### **ATTENDANCE AT FINAL EXAMINATIONS/CLASS**

Final examinations may be given at the end of each academic period. Students who miss a final examination, or who fail to submit all required work without a justifiable excuse, are awarded a grade based on all course requirements. Students who are unable to take a final examination or complete final course requirements for a valid reason (i.e., circumstances beyond the student's control) must request in writing to the instructor a grade of incomplete (I). The “I” grade must be removed within a specified period of time or the alternate grade is assigned. More information can be found under the “Grading” heading in this section of the *Catalog*.

### **COURSE LOAD/OVERLOAD**

Undergraduate students who wish to register for more than two courses in any five- or eight-week term, or more than 18 semester hours in one semester must receive approval from the CCLS Undergraduate Advising department. Students must obtain and submit an Overload Request form 30 days prior to taking the overload credit to the Undergraduate Advising Department. The advisor will:

- Verify that students have a 3.000 grade point average or higher.
- Ensure that students have no incomplete grades pending.
- Contact students regarding approval or denial of the request.

No further overloads are approved if students receive any incomplete grades and/or fall below a 3.000 grade point average.

Graduate students should refer to the program/college section of this *Catalog* for specific requirements regarding course load/overloads for each degree program.

## GRADING

For information on grade reports, incomplete grades, change of recorded grade, and repeat for higher grade, students should refer to the University General Information section of this *Catalog*.

### Grade of Incomplete

The student must submit the Incomplete Grade Request form, this form document serves as a contract between the student and the instructor regarding the completion of an incomplete grade for a course within the College of Contemporary Liberal Studies. A grade of Incomplete or "I" denotes that the required work for the course is incomplete due to unforeseen circumstances. Unforeseen circumstances mean, for example, that an accident, an illness, a death, or a major life transition has occurred.

Incompletes are granted at the discretion of the faculty. The student must submit the Incomplete Grade Request Form to the instructor explaining the unforeseen circumstances which have occurred. The student also must have completed 75% of the course with a passing grade in order to be eligible for an incomplete. The length of time and the remaining requirements to complete the course are determined by the instructor; however, the maximum length of time for completion is the end of the following term.

### Grade of "In Progress"

"In Progress" grades are given to students in graduate capstone project courses, graduate thesis courses or practicum/internship courses where it may be appropriate for a student to take longer than the eight weeks or semester (if a semester-based course) provided for completion. If the course instructor agrees that the student should be given additional time, an "In Progress" grade can be granted for a period of up to one year (12 months) to complete the capstone project course or practicum/internship. The grade to be recorded in the student's record is IP/F or IP/NP depending on whether the approved grade in a letter grade or Pass/No Pass. If the student does not satisfactorily complete the course within the one year period, the grade reverts to the "F" or "NP" grade.

"In Progress" grades will only be given in the capstone/thesis courses or practicum/internship courses. "In Progress" is not appropriate for other courses where there is a definitive end date. In those cases if the student is unable to complete the course work for an approved reason and the instructor approves, the appropriate grade is Incomplete/F (I/F) and the student has no more than the eight weeks or equivalent term to complete the work.

### Grade Reports

All grades are reported at the end of each academic period, at which time they become official and are entered on the students'

permanent record. Grade reports are no longer mailed to students; however, grades may be accessed online through the WebAdvisor link at [www.regis.edu](http://www.regis.edu).

Additionally, students may request an official grade report online through WebAdvisor. The official grade report is mailed to the student's permanent address. Grades cannot be given over the phone or e-mailed to the student.

### Appeals of Disputed Grades

Students who wish to dispute a grade earned in a course should use the following procedures:

1. The student contacts the instructor of the course to request a review of the issue.
2. If the dispute is not resolved with the instructor, the student submits a written request for review of the grade to the degree chair. The written request must be initiated within 60 days after the last official day of the term in which the course in question was taken. The request must provide rationale indicating why the grade earned is not appropriate, and all relevant documentation must be included (course syllabus, copies of exams, quizzes, papers, presentation materials, etc.) The request must include the student's name, address, e-mail address, course number, instructor name and the term in which the course was completed.
3. The faculty lead reviews all documentation submitted. If needed, the degree chair contacts the student and the instructor to arrange a personal interview. The faculty lead approves or disapproves the appeal. If the faculty lead approves the appeal, a Change of Grade form is completed and submitted to the Office of Academic Records and Registration. The faculty lead informs the student and the instructor in writing of the decision regarding the appeal.
4. If the grade dispute is not satisfactorily resolved, the student may appeal the decision to the Assistant Dean of the appropriate school. This written appeal must be submitted within two calendar weeks of receipt of the decision in step 3 above.

The Assistant Dean will review the proceedings and any additional information provided by the student. The decision of the Assistant Dean is final.

### DEAN'S LIST

For fall, spring and summer semesters, a Dean's List is created for College of Contemporary Liberal Studies undergraduate students. A degree-seeking student who carries a semester load of twelve or more graded semester hours and who earns a minimum semester grade point average of 3.800 is placed on the Dean's List. A student who is required during the semester to take a Pass/No Pass course--and who also carries nine or more graded hours with a 3.800 semester grade point average--is eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of twelve letter-graded semester hours. Student who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.



## ACADEMIC STANDING AND PENALTIES

### Good Standing

A College of Contemporary Liberal Studies undergraduate student must maintain at least a 2.000 cumulative grade point average to be in good academic standing. The cumulative grade point average is computed by dividing the total number of grade points earned by the total number of credit hours attempted. A grade of less than "C-" in an upper division course in the major or minor area is not counted toward completion of major or minor requirements. A grade of less than "C-" in other courses indicates an academic deficiency; however, these courses apply toward graduation.

To sustain good academic standing at the graduate level, a cumulative grade point average of 3.000 for 600-level course work is required. The cumulative grade point average is computed by dividing the total number of grade points earned in the 600-level courses, by the total number of semester hours attempted in those courses. No more than two courses with grades of "C" can count toward graduation requirements. A grade lower than a "C" (e.g. "C-") is not counted toward degree requirements, but is included in the cumulative grade point average.

### Probation

The College of Contemporary Liberal Studies undergraduate student whose cumulative grade point average falls below 2.000 at the end of any given semester is placed on academic probation. During the next semester (fall, spring, summer) of enrollment, the University expects the student to raise his/her cumulative grade point average to a minimum of 2.000. If the cumulative grade point average remains below 2.000, the student may be academically suspended at the end of the probationary semester. The student must work closely with his/her advisor to determine the number of semester hours to be taken during the probationary semester to maximize the possibility of earning the required cumulative 2.000 grade point average by the end of the semester. Students are formally notified of their academic probation in a letter from the School Dean. Academic probation is recorded on the student's permanent academic record (transcript).

Occasionally, a student's Regis University cumulative grade point average is so low that the student finds it mathematically impossible to attain a 2.000 cumulative grade point average during only one semester. In this case, the student may enter into an agreement with an advisor of the College of Contemporary Liberal Studies to earn a provisional grade point average for the semester. The agreed-upon grade point average is set within a range that is a fair and reasonable expectation for the student. If the provisional semester grade point average is earned for the semester, but the student's cumulative grade point average is still below 2.000, the student may be permitted to continue on probation rather than be suspended.

Undergraduate students accepted on probation by the College of Contemporary Liberal Studies may be suspended at the completion of their first semester of course work if they have not achieved a 2.000 cumulative grade point average.

Graduate students whose cumulative grade point average falls below 3.000 for 600-level course(s) at the end of any given semester are placed on academic probation. After one semester

on probation, a student's performance will be reviewed by the appropriate faculty lead and School Assistant Dean. Students who are not successful in raising their grade point average to 3.000 will be considered for suspension by the faculty lead and School Assistant Dean. Students on probation are permitted to take only one course per term and are not permitted to have an Incomplete grade while on Probation. In addition, graduate students who receive a grade of "C" or less in two courses are subject to academic review. Students are formally notified of their academic probation in a letter from the School Dean.

### Suspension

If a College of Contemporary Liberal Studies student has been placed on academic probation and does not achieve a 2.000 (undergraduate) or 3.000 (graduate) cumulative grade point average at the end of the next semester of enrollment, he/she is suspended. Academic suspension is recorded on the student's permanent academic record (transcript). Students are formally notified of their suspension from Regis University in a letter from the School Dean.

Students who are notified of academic suspension for the previous semester and who are currently in attendance in a Regis University class may complete that class. Any additional registrations will be dropped.

After one calendar year, the student may apply for readmission by fulfilling the following written requirements:

- Submit a letter requesting readmission and an explanation of the previous academic difficulties and how the problem(s) have been addressed.
- Submit a written contract, signed by the student and the appropriate Assistant Dean, which states how the student will meet the required minimum grade point average or an agreed-upon provisional grade point average within a defined period.
- An official transcript showing at least 12 semester hours of acceptable academic course work completed at a regionally accredited college or university (undergraduate students only).

### Dismissal

Academic dismissal is action taken by Regis University by which the student is rendered ineligible to return to Regis University for any program of study. For this action to be taken, a student must have been suspended, applied for and been readmitted to Regis University on academic probation, and failed to achieve either the required minimum grade point average or an agreed-upon provisional grade point average. The provisional grade point average is pre-determined by the student and the appropriate school assistant dean. Academic dismissal is recorded on the permanent academic record (transcript).

### Suspension/Dismissal Appeal Procedure

Students who wish to appeal their suspension/dismissal must complete the following requirements within 30 days of the date on the letter of notification for Suspension/Dismissal.

Write a letter or send an email to the Dean, College of Contemporary Liberal Studies explaining:

- I. Why the student should not be suspended from the program or dismissed from the University.
  - a. What prevented the student from successful progress toward completion of academic goals.
  - b. That the student is committed to and ready to proceed with serious academic study.
  - c. Why the student failed to achieve the required grade point average. Were there, for example, any extenuating circumstances beyond the student's control.
  - d. The names of the student's advisor or faculty members from whom supporting statements may be solicited by the student (undergraduate students only).
  - e. Contact the advisor, faculty member, doctors, etc. to discuss the case. Any supporting statements from them must be received by the same deadline.

The Dean is interested in any pertinent information which has genuine bearing on the matter. The focus is on why the suspension/dismissal action should be reversed and why the student failed to reach his/her academic goals.

Decisions on Suspension/Dismissal appeals by the School Dean are final; no further appeals are accepted.

## BACCALAUREATE DEGREE REQUIREMENTS

In addition to the completion of the Core Studies academic requirements, the following are also required of each undergraduate degree candidate in the College of Contemporary Liberal Studies:

- The completion of 120 semester hours of academic work in which the candidate has earned a minimum cumulative Regis University grade point average of 2.000. Thirty semester hours of the total 120 hours must be at the upper division level.
- A minimum of 30 semester hours completed at Regis University. This does not include credits earned through Prior Learning Assessment (portfolio or credit by exam). Of these 30 semester hours, 18 semester hours must be at the upper division course level (400 level).
- The completion of a major, consisting of a minimum of 42 semester hours of courses in one subject area. Of the 42 semester hours, a minimum of 18 semester hours must be at the upper division course level (400 level).
- The completion of a minor area is optional. The minor consists of 12 upper division (400 level) semester hours in a discipline outside the major that lends support to the development of the major and aids students in reaching their ultimate educational objective.
- A grade of "C-" or higher for credit to be counted in the major or minor areas.
- Students may transfer up to half of the upper division semester hours in the major and half in the minor. Once the student has applied, all remaining upper division (400 level) courses must be completed at Regis University.

- Some courses taken toward a major may also count toward the Core Studies requirements. A single course cannot, however, satisfy two Core Studies requirements.
- Upper division courses required to meet one major or minor cannot be counted toward a major or minor in another discipline except under the following conditions:
- In the event the upper division requirements for a major exceed 18 semester hours, those excess hours may also be applied to another major or minor.
  - In the event that the upper division requirements for a minor exceed 12 upper division semester hours, those excess hours may also be applied to another major or minor.
  - Courses that satisfy lower division prerequisites for more than one major or minor may be applied to more than one major or minor.
- Competence in oral and written communication skills is required. Students should be able to express themselves with clarity, precision and force, which comes only from a disciplined command of words, word usage and grammar.

## Major Requirements

**42 SH**

Students must complete a minimum of 42 semester hours in their chosen field of study. At least 18 semester hours must be at the upper division level.

Lower division (foundational) courses are designed to offer students a discipline breadth in a particular subject area. These courses are usually taken at the freshman and sophomore levels (200 and 300 level).

Upper division courses are designed to offer students greater depth on a specific topic within the major field of study. These courses are usually completed at the junior and senior levels (400 level).

## Minor Requirements (Optional)

**12 SH**

A minor field of study consists of 12 upper division (400-level) semester hours from an area of study outside the major discipline. At least six of these semester hours must be completed through Regis University courses.

## General Electives

**21 through 33 SH**

The remaining credits required to meet the 120 semester hour requirement for a bachelor's degree are known as general electives. This category may also be used to earn a second minor or a second major.

## UNDERGRADUATE MINOR AREAS

Minors are available for every approved major/minor offered through the College of Contemporary Liberal Studies, the College of Business and Economics, the College of Computer & Information Sciences, Regis College, and a Health Care Administration minor is available through Rueckert-Hartman College for Health Care Professions.

## MASTER'S DEGREE REQUIREMENTS

Specific degree requirements for each graduate degree offered through are listed in the college section of this *Catalog*. For information regarding graduate degree requirements, students should refer to the General Information section of this *Catalog*.

## GRADUATE ACADEMIC CERTIFICATE REQUIREMENTS

An Academic Certificate requires that students meet the following requirements in addition to a minimum of 12 specified graduate semester hours:

- Candidates must maintain a cumulative grade point average of 3.000 or better in graduate level courses throughout the Certificate Program.
- A grade of "C" or higher is required for all certificate requirements. Grades lower than a "C" do not meet any requirement of the Certificate Program under any circumstance (i.e., a grade of "C-" is unacceptable). Some certificate programs may have more specific or more restrictive grade policies than these stated policies. Specific policies on acceptable grades for certificates may be stated in the appropriate graduate degree/certificate section of this *Catalog*.
- The Certificate Program must be successfully completed within four years (48 months) from the date of the student's acceptance into the Certificate Program.
- Any course required to complete one certificate may not be used toward fulfillment of requirements for another certificate.
- All semester hours required must be earned through Regis University. Graduate transfer credit is not accepted into the Graduate Certificate Program.

## GRADUATION

For information on application, application processing, degree/certificate award, financial clearance, graduation honors, attendance at commencement exercises, and diplomas, students should refer to "Graduation" information in the Regis University General Information section of this *Catalog*.

The Application for Graduation form must be submitted before eligibility for graduation can be evaluated. The Application for Graduation is required at the beginning of the semester in which the student expects to complete graduation requirements. Specific application deadlines and the graduation application are available online at [www.regis.edu](http://www.regis.edu). Failure to make application by the proper date may delay graduation.

## CCLS UNDERGRADUATE CORE STUDIES REQUIREMENTS

**Total Core Studies Requirements** **45-49 SH**

**Oral and Written Communication** **9 SH**

(English, Communication)

\*RCC 420J--Justice and the Common Good

**Engagement with Literature and Arts** **6 SH**

(English, humanities, fine and performing arts)

\*\*HU 366--Leading Lives that Matter

**Language and Global Awareness** **6 -8 SH**

(modern languages, classical languages, archeology, history, political science, economics, geography, and social science)

\*RCC 410E--Global Environmental Awareness

**Understanding Human Behavior, Diversity, and Culture** **6 SH**

(anthropology, economics, education, history, political science, psychology, criminology, peace and justice studies, sociology, social work, or women's/gender studies)

\*RCC 400D--Diversity and Cultural Tradition

**Quantitative Literacy** **3-4 SH**  
(college-level algebra or higher)

**The Natural World** **3-4 SH**  
(astronomy, atmospheric science, biology, biochemistry, chemistry, ecology, environmental science, geology, oceanography, physical geography, or physics)

**Philosophical Inquiry and Reflection** **6 SH**  
(philosophy, ethics)

\*RCC 430M--The Search for Meaning

**Exploring Religious Traditions** **6 SH**  
(religious studies, Theology)

\*Students enrolled in traditional, semester-based daytime programs are required to complete these courses to fulfill core requirements.

\*\*Students enrolled in on-line and ground-based courses in the 5 week or 8 week format are required to complete this course to fulfill core requirements.

## UNDERGRADUATE PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$470
Teacher Education Tuition (per semester hour)	\$410
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees, and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment

Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to request a copy of the brochure, "Paying Your Tuition at Regis University."

## PROGRAMS OF STUDY

### UNDERGRADUATE

The Undergraduate Degrees offer students the theoretical foundations to integrate knowledge and build skills in order to achieve educational and personal goals. Degrees are available in the areas of Applied Science, Applied Psychology, Communication, Criminology, Elementary Education, Liberal Arts, and Social Science.

### BACHELOR OF APPLIED SCIENCE

The Bachelor of Applied Science degree is designed to serve community college students who have earned an associate of applied science degree and wish to pursue a baccalaureate degree. The degree provides the management, leadership, critical thinking, writing, and communication skills necessary to broaden career horizons. It provides broad cognitive skills and perspectives associated with baccalaureate education that are relevant in any work environment.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 45 SH

*Foundational Courses* 18-36 SH

Credits from the major area of study earned toward a completed Associate of Applied Science degree from a regionally accredited community college will be counted in the Regis University Bachelor of Applied Science foundational area. Examples of Associate of Applied Science degrees that qualify for transfer into the Bachelor of Applied Science degree include:

Addiction Studies

Criminal Justice

Emergency Management Planning

Fire Science

Hotel, Restaurant and Casino Management

Interpreter Preparation Program (Deaf Studies)

Law Enforcement

Mental Health/Developmental Disabilities

Paralegal Studies

Public Security Management

NOTE: Earned Associate of Applied Science degrees with majors in applied occupational technical areas do not qualify for transfer into the Bachelor of Applied Science degree at Regis University.

*Upper Division Requirements* 30 SH

Twelve semester hours selected from the following areas:

#### **Leadership Skills**

COM 407--Leadership Principles 3 SH

#### **Professional Ethics**

Three semester hours selected from the following:

BA 4950--Ethical Decision Making in Business 3 SH

PY 440--Professional Ethics in Psychology 3 SH

COM 427--Communication Ethics 3 SH

CR 425--Professional Ethics in Criminology 3 SH

*Specialization* 21 SH

Selected one of the following three areas of specialization

#### **Homeland Security**

CR 445--Homeland Security 3 SH

CR 446--Perspectives on Terrorism 3 SH

CR 448--Homeland Security: Legal and Ethical Issues 3 SH

CR 449--Vulnerability and Security 3 SH

CR 460--Computer Forensics and Cybercrime 3 SH

Six semester hours selected in consultation with an academic advisor 6 SH

#### **Interdisciplinary Studies**

Twenty-one semester hours selected in consultation with an academic advisor. 21 SH

#### **Management**

Fifteen upper division (400-level) semester hour of Business Administration courses selected in consultation with an academic advisor. 15 SH

Six semester hours selected in consultation with an academic advisor 6 SH

*Capstone* 3 SH

CAP 494--Senior Capstone 3 SH

*Minor (Optional)* 0 - 12 SH

*General Electives* 0 - 27 SH

Twenty-Seven elective semester hours of general academic courses are required if a minor is not chosen. Technical credits may be used to meet this requirement.

**BACHELOR OF ARTS IN COMMUNICATION**

The communication degree prepares students for life. This degree gives students the skills and understanding to excel in personal, social and business positions both now and in the future. The communication degree is a springboard for students who desire advanced degrees such as an MBA, law school, or management.

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>45 SH</i>
<i>Foundational Course</i>	<i>12 SH</i>
COM 310--Interpersonal Communication	3 SH
COM 382--Understanding Communication	3 SH
COM 427--Communication Ethics	3 SH
CAP 493--Research Methods	3 SH
<i>Upper Division Requirements</i>	<i>33 SH</i>
CAP 494--Senior Capstone	3 SH

Thirty upper division semester hours of Communication electives selected from the following:

COM 400--Intercultural Communication	3 SH
COM 406--Communication in a Technological Environment	3 SH
COM 407--Leadership Principles	3 SH
COM 408--Conflict Management	3 SH
COM 410--Strategic Leadership	3 SH
COM 412--Cultural Intelligence	3 SH
COM 416A--Principles of Public Relations	3 SH
COM 418--Organizational Communication	3 SH
COM 420--Mediation	3 SH
COM 437--Persuasion, Influence and Motivation	3 SH
COM 442--Leading Change and Innovation	3 SH
COM 450--Service Leadership	3 SH
COM 466--Negotiation	3 SH
COM 467--Communicating through Social Media	3 SH
COM 470--Decision Making and Problem Solving	3 SH
COM 472--Professional Communication Toolkit	3 SH
COM 480--Forgiving Other, Forgiving Ourselves	3 SH
<i>Specialization (Optional)</i>	<i>12 SH</i>

**Conflict Management**

COM 408--Conflict Management	3 SH
COM 420--Mediation	3 SH
COM 466--Negotiation	3 SH
COM 470--Decision-Making and Problem Solving	3 SH

**Leadership**

COM 407--Leadership Principles	3 SH
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Nine semester hours selected from the following:

COM 410--Strategic Leadership	3 SH
COM 437--Persuasion, Influence and Motivation	3 SH
COM 442--Leading Change and Innovation	3 SH
COM 450--Service Leadership	3 SH
<i>Minor (Optional)</i>	<i>0 or 12 SH</i>
<i>General Electives</i>	<i>18 - 30 SH</i>

Thirty elective semester hours of general academic courses are required if a minor is not chosen. Technical credits may be used to meet this requirement.

**Combined Bachelor of Arts in Communication and Master of Arts in the School of Humanities and Social Sciences**

The combined Bachelor of Arts in Communication and Master of Arts with a communication specialization chosen in consultation with an academic advisor admits students to the Master of Arts program during the junior or senior year of their Bachelor of Arts program. The program allows students to begin work on their Master's Degree while still completing their Bachelor's Degree. The combined degree can be completed with a total of 150 semester hours and allows two Master of Arts courses to be taken as part of the Bachelor of Arts degree.

<i>Total Degree Requirements</i>	<i>150 SH</i>
<i>Core Studies Requirements</i>	<i>45 SH</i>
<i>Foundational Courses</i>	<i>12 SH</i>
COM 310--Interpersonal Communication	3 SH
COM 382--Understanding Communication	3 SH
COM 427--Communication Ethics	3 SH
CAP 493--Research Methods	3 SH
<i>Upper Division Requirements</i>	<i>33 SH</i>
Upper Division Communication Electives	24 SH
600-level M.A. Communication courses	6 SH
CAP 494--Senior Capstone	3 SH
<i>Minor (optional)</i>	<i>12 SH</i>
<i>General Electives</i>	<i>18 - 30 SH</i>
<i>Total MA Degree Requirements</i>	<i>30 SH</i>
<i>Core Requirements</i>	<i>9 SH</i>
MAPC 601--Graduate Transformation I: Writing and Research	3 SH
MAPC 602--Ethics and Multiculturalism	3 SH
MAPC 603--Graduate Transformation II: Direction and Context	3 SH

<i>Specialization Courses</i>	<i>15 SH</i>
<i>Capstone Requirement</i>	<i>6 SH</i>
Six semester hours selected from one of the following three options:	
MAPC 688--MA Capstone Planning	3 SH
MAPC 696--MA Capstone	3 SH
MAPC 697A--MA Thesis A	3 SH
MAPC 697B--MA Thesis B	3 SH
MAPC 694--MA Comprehensives	3 SH
one additional course in specialization	3 SH

## BACHELOR OF ARTS IN ELEMENTARY EDUCATION WITH LICENSURE IN ELEMENTARY EDUCATION

### Eligibility/Recommendation for Licensure

After admission to the Teacher Education Program, students must successfully proceed through the program and meet all requirements for state licensure:

1. Completion of 200 or more verified hours classroom work with students in the appropriate age group to be accomplished after admission to the Regis Teacher Education Program and prior to student teaching. At Regis University, this takes place throughout the Teacher Education Foundational and Professional Sequence.
2. A minimum grade of "B-" for all Professional Sequence Teacher Education courses.
3. Successful completion of student teaching and other field work requirements to total at least 800 hours.
4. Continued evidence of effective communication skills, teacher competencies, characteristics, and professional dispositions.
5. Successful completion of undergraduate prerequisite requirements for licensure in subject or grade requirements.
6. A minimum cumulative grade point average of 2.500.
7. Successful completion of all standardized assessments as required by Colorado Department of Education.
8. Successful completion of all required courses in the Teacher Education sequence, liberal arts and academic endorsement areas.
9. Successful completion of Education Gate System Portfolio to include a Colorado work sample.

When students successfully complete these requirements, the faculty recommends students for state licensure. The faculty reserves the right to withhold recommendation on the basis of deficiencies in any of the characteristics or professional dispositions needed to become a successful teacher. Licensure is granted by the applicable state.

Regis University provides assistance, but bears no responsibility, for student deficiencies or failure in complying with external regulation, rules or laws.

It is the responsibility of students to apply for licensure through the Colorado Department of Education and it is the responsibility of the student to be aware of these licensing regulations. . Completion of the requirements for licensure is noted on the Regis University Academic Transcript.

Students recommended for licensure must apply to the appropriate state agency within six months of receiving the recommendation. Students who fail to apply during this time frame may find themselves ineligible for a later recommendation from Regis University. State accrediting institutions may not issue licenses to students who completed the program prior to the University's current accreditation.

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Undergraduate Core Studies Requirements</i>	<i>45 SH</i>
<i>Foundational Courses</i>	<i>30 SH</i>
Fine Arts	3 SH
Mathematics	3 SH
Science	3 SH
Social Science	3 SH
Lifespan Development	3 SH
Literature/Humanities	3 SH
EDFD 420--Exceptional Child in the Regular Classroom*	3 SH
EDFD 431--Educational Psychology*	3 SH
EDTC 401--Technology for Educators*	3 SH
EDEL 441--Child and Adolescent Literature*	3 SH
<i>Upper Division Requirements</i>	<i>21 SH</i>
EDES 403--Cultural Competence in Education**	3 SH
EDFD 404--Foundations of Teaching**	3 SH
EDFD 405--Perspectives in Education**	3 SH
EDFD 445--Mathematics for Educators**	3 SH
EDFD 448--Designing Instruction for All Learners**	3 SH
EDFD 470--The Effective Classroom**	3 SH
EDRG 444--Teaching Reading and Writing**	3 SH
<i>Elementary Education Professional Sequence</i>	<i>21 SH</i>
EDEL 450--Assessment of Learning: Elementary**	3 SH
EDEL 460--Elementary Methods I**	3 SH
EDEL 461--Elementary Methods II**	3 SH

EDEL 490--Student Teaching: Elementary**	10 SH
EDFD 497--Professionalism in Education I**	2 SH
<i>General Electives</i>	3 SH

\*Lower division course work acceptable in transfer

\*\*Course must be completed through Regis University.

## BACHELOR OF ARTS IN ELEMENTARY EDUCATION WITH DUAL LICENSURE IN ELEMENTARY AND SPECIAL EDUCATION

### Eligibility/Recommendation for Licensure

After admission to the Teacher Education Program, students must successfully proceed through the program and meet all requirements for state licensure:

1. Completion of 200 or more verified hours classroom work with students in the appropriate age group to be accomplished after admission to the Regis Teacher Education Program and prior to student teaching. At Regis University, this takes place throughout the Teacher Education Foundational and Professional Sequence.
2. A minimum grade of "B-" for all Professional Sequence Teacher Education courses.
3. Successful completion of student teaching and other field work requirements to total at least 800 hours.
4. Continued evidence of effective communication skills, teacher competencies, characteristics, and professional dispositions.
5. Successful completion of undergraduate prerequisite requirements for licensure in subject or grade requirements.
6. A minimum cumulative grade point average of 2.500.
7. Successful completion of all standardized assessments as required by Colorado Department of Education.
8. Successful completion of all required courses in the Teacher Education sequence, liberal arts and academic endorsement areas.
9. Successful completion of Education Gate System Portfolio to include a Colorado work sample.

When students successfully complete these requirements, the faculty recommends students for state licensure. The faculty reserves the right to withhold recommendation on the basis of deficiencies in any of the characteristics or professional dispositions needed to become a successful teacher. Licensure is granted by the applicable state.

Regis University provides assistance, but bears no responsibility, for student deficiencies or failure in complying with external regulation, rules or laws.

It is the responsibility of students to apply for licensure through the Colorado Department of Education and it is the responsibility of the student to be aware of these licensing regulations. . Completion of the requirements for licensure is noted on the Regis University Academic Transcript.

Students recommended for licensure must apply to the appropriate state agency within six months of receiving the recommendation. Students who fail to apply during this time frame may find themselves ineligible for a later recommendation from Regis University. State accrediting institutions may not issue licenses to students who completed the program prior to the University's current accreditation.

<i>Total Degree Requirements</i>	<i>132 SH</i>
<i>Undergraduate Core Studies Requirements</i>	<i>45 SH</i>
<i>Foundational Courses</i>	<i>30 SH</i>
Fine Arts	3 SH
Mathematics	3 SH
Science	3 SH
Social Science	3 SH
Lifespan Development	3 SH
Literature/Humanities	3 SH
EDFD 420--Exceptional Child in the Regular Classroom*	3 SH
EDFD 431--Educational Psychology*	3 SH
EDTC 401--Technology for Educators*	3 SH
EDEL 441--Child and Adolescent Literature*	3 SH
<i>Upper Division Requirements</i>	<i>18 SH</i>
EDES 403--Cultural Competence in Education**	3 SH
EDFD 404--Foundations of Teaching**	3 SH
EDFD 405--Perspectives in Education**	3 SH
EDFD 448--Designing Instruction for All Learners**	3 SH
EDFD 470--The Effective Classroom**	3 SH
EDRG 444--Teaching Reading and Writing**	3 SH
<i>Elem/SPED Education Professional Sequence</i>	<i>39 SH</i>
EDSP 461--Educational Assessment for Special Education**	3 SH
EDEL 460--Elementary Methods I**	3 SH
EDEL 461--Elementary Methods II**	3 SH
EDSP 443--Math For Special Educators**	3 SH
EDSP 605--Foundations of Special Education**	3 SH
EDSP 464--Behavioral Analysis and Interventions**	3 SH
EDSP 462--Methods in Special Education**	3 SH
EDSP 453--Language and Literacy Instruction in Special Education**	3 SH
EDSP 610--Secondary and Transition Services**	3 SH



EDSP 492--Student Teaching: Special Education Generalist** or	
EDSP 490--Student Teaching: Elementary**	10 SH
EDFD 497--Professionalism in Education I**	2 SH

\*Lower division course work acceptable in transfer

\*\*Course must be completed through Regis University.

### Elementary Education Licensure Only

Specific courses must meet state requirements. Student teaching consists of ten of these credits.

*Elementary* 54 SH

Elementary licensure only requires at least 30 liberal arts credits in specified areas.

EDEL 441--Child and Adolescent Literature	3 SH
EDEL 450--Assessment of Learning: Elementary*	3 SH
EDEL 460--Elementary Methods I*	3 SH
EDEL 461--Elementary Methods II*	3 SH
EDEL 490--Student Teaching: Elementary*	10 SH
EDES 403--Cultural Competence in Education*	3 SH
EDFD 404--Foundations of Teaching*	3 SH
EDFD 405--Perspectives in Education*	3 SH
EDFD 420--Exceptional Child in the Regular Classroom	3 SH
EDFD 431--Educational Psychology	3 SH
EDFD 445--Mathematics for Educators	3 SH
EDFD 448--Designing Instruction for All Learners*	3 SH
EDFD 470--The Effective Classroom*	3 SH
EDFD 497--Professionalism in Education I *	2 SH
EDRG 444--Teaching Reading and Writing*	3 SH
EDTC 401--Technology for Educators	3 SH

### BACHELOR OF ARTS IN GLOBAL STUDIES

<i>Total Degree Requirements</i>	120 SH
<i>Core Studies Requirements</i>	45 SH
<i>Foundational Courses</i>	15 SH
PY 250--General Psychology	3 SH
SO 200--Introduction to Sociology	3 SH
SO 201--World Economic Issues	3 SH
SO 204--Introduction to Cultural Anthropology	3 SH
SO 340--World Regional Geography	3 SH
SO 341--Comparative Foreign Policy	3 SH

*Upper Division Requirements* 27 SH

Twenty-four semester hours of global studies course work selected in consultation with an academic advisor.

CAP 494--Senior Capstone 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 21 - 33 SH

Thirty-three semester hours of general academic courses are required if a minor is not chosen. Technical credits may be used to meet this requirement.

### BACHELOR OF ARTS IN LIBERAL ARTS

The Bachelor of Arts in Liberal Arts offers a strong, basic educational experience which integrates knowledge of classic Liberal Arts emphasizing and strengthening leadership in everyday living.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 45 SH

*Foundational Courses* 18 SH

EN 325--Research Writing 3 SH

World or United States History 6 SH

PL 250--Introduction to Philosophy 3 SH

Social Science 3 SH

Choose one course from the following:

BA 4950--Ethical Decision-Making in Business 3 SH

COM 427--Communication Ethics 3 SH

PL 360--Ethics 3 SH

*Upper Division Requirements* 24 SH

Upper division course work for any subject in the Core Studies area 18 SH

CAP 493--Research Methods 3 SH

CAP 494--Senior Capstone 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 21 - 33 SH

Thirty-three elective hours of general academic courses are required if a minor is not chosen. Technical credit may be used to meet this requirement.

### BACHELOR OF SCIENCE IN APPLIED PSYCHOLOGY

The major in Applied Psychology is designed for students aspiring to work in the human services area and for those already working in the field who wish to gain greater knowledge and skill. Courses contribute to career preparation in: wellness counseling, health education, adolescent or substance abuse counseling, and social and human services. Courses offer theoretical foundations

through readings and lectures as well as practical application in different occupational settings through case studies, visits by guest lecturers, and community projects.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 45 SH

MT 270--Introduction to Statistics is recommended to fulfill the Mathematics Core Requirement for students interested in pursuit of graduate study in psychology, counseling, or social work.

*Foundational Courses* 15 SH

PY 250--General Psychology 3 SH

PY 469--Lifespan Development\* 3 SH

PY 470--Psychology of Personality\* 3 SH

PY 471--Abnormal Psychology\* 3 SH

PY 481--Brain and Behavior 3 SH

\* Lower division course work acceptable in transfer.

*Upper Division Requirements* 27 SH

PY 440--Professional Ethics in Psychology 3 SH

CAP 493--Research Methods 3 SH

CAP 494--Senior Capstone 3 SH

Eighteen upper division semester hours of Psychology selected from the following:

PY 414--Positive Psychology 3 SH

PY 415--Health Psychology 3 SH

PY 416--Understanding Trauma and PTSD 3 SH

PY 441--Social Psychology 3 SH

PY 444--The Family 3 SH

PY 449--Child Abuse and Neglect 3 SH

PY 454--Cognitive Psychology 3 SH

PY 456--Organizational Behavior 3 SH

PY 462--Behavior and Stress Management 3 SH

PY 463--Psychology of Intimate Relationships 3 SH

PY 468--Psychology of Change 3 SH

PY 476--The Third Act: Adulthood and the Later Stages of Life 3 SH

PY 480--Forgiving Others, Forgiving Ourselves 3 SH

PY 496H--Special Topics in Psychology: Addictive Behavior 3 SH

PY 496J--Special Topics in Psychology: Psychology of Gender 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 21 - 33 SH

Thirty-three elective hours of general academic courses are required if a minor is not chosen. Technical credit may be used to meet this requirement.

## BACHELOR OF SCIENCE IN CRIMINOLOGY

This degree offers a practical, theory-based interdisciplinary education that stresses human behavior, social and cultural dynamics, communication, and leadership. The criminology curriculum addresses the increasingly complex environment in which professionals, associated with crime analysis, law enforcement, public safety and security, the criminal justice system, regulatory agencies, and social support work toward the improvement and transformation of society.

*Total Degree Requirements* 120 SH

*Core Studies Requirements* 45 SH

*Foundational Major Requirements* 15 SH

CR 350--Introduction to Criminology 3 SH

CR 370--Criminal Deviance 3 SH

CR 413--Crime Analysis 3 SH

CR 434--Victimology 3 SH

CR 460--Computer Forensics and Cybercrime 3 SH

*Upper Division Major Requirements* 30 SH

CR 425--Professional Ethics in Criminology 3 SH

CR 426--Psychology of Crime 3 SH

CR 427--Criminal Profiling 3 SH

CR 429--Family Violence 3 SH

CR 430--Sexual Homicide 3 SH

CR 445--Homeland Security 3 SH

CR 446--Perspectives on Terrorism 3 SH

CAP 493--Research Methods 3 SH

CAP 494--Senior Capstone 3 SH

Three semester hours selected from the following:

CR 428--Youth Violence and Delinquency 3 SH

CR 433--Violence in the Workplace 3 SH

CR 448--Homeland Security: Legal and Ethical Issues 3 SH

CR 449--Vulnerability and Security 3 SH

CR 473--Decision-Making and Problem Solving in Criminology 3 SH

*Minor (Optional)* 0 or 12 SH

*General Electives* 18 - 30 SH

Thirty elective semester hours of general academic courses are required if a minor is not chosen. Technical credits may be used to meet this requirement.

## COLLEGE FOR CONTEMPORARY LIBERAL STUDIES UNDERGRADUATE CERTIFICATE

### Professional Liberal Studies

12-15 SH

Twelve to fifteen semester hours of upper division course work chosen in consultation with an academic advisor.

### DIPLOMA IN LIBERAL STUDIES

The Jesuit Worldwide Learning (JWL) Academic Program includes both credit-bearing and certificate-level courses. The Diploma in Liberal Studies includes 45 credits of coursework over three years. The Diploma program has been developed within the framework of Ignatian pedagogy that seeks to develop the whole person, or *cura personalis*. Within each course and across the curriculum, student learning is structured around the concepts of experience, reflection and action.

**Experience:** Experience begins with the recollection of previous learning of facts, feelings and insights that may be of relevance to the discipline. To this experience, discipline-specific information, skills and knowledge are added through the learning process.

**Reflection:** As part of the learning process, students are invited to pause and consider questions of significance to themselves and their communities in the context of their discipline-specific coursework.

**Action, Service, and Evaluation:** At its culmination, participants are invited to consider how their new skills and knowledge can be put into action within their communities.

### Credit Hour

The definition of a credit hour is based on time spent in mentored learning activities that are directed toward student learning outcomes. All JWL Diploma courses have designated student learning outcomes. Three-credit courses require a minimum of 30 hours of mentored learning activities during an 8 week session. All JWL courses require learners to complete individual studying, reading, and writing in addition to mentored learning activities, but these activities are not counted toward credit hours.

Each course includes both a confidential student evaluation survey and a confidential faculty evaluation survey. While responses will not be associated with the name of the responder, they will be summarized to provide important program feedback and inform continuous revision and improvement in the program.

### Faculty

The international faculty represent over 25 universities and other educational institutions around the world. They accompany students throughout their education journey.

### Technology

JWL delivers its Diploma courses over the internet using a learning management system that has been donated by Georgetown University. Blackboard provides students and faculty with a platform that enables asynchronous discussion; communication tools for announcements and email; hosting of video, articles, and assignments; submission of student work; space for collaborative

and individual work; and a grade center for individualized instructor feedback to students.

### Student Responsibilities

Students are expected to have strong English language comprehension when they enter the program, and the ability to attain college-level writing skills through participation in two early courses (Bridge to Learning and Academic Writing). These skills include writing mechanics (grammar, spelling, punctuation, word usage and structure), analytical thinking, argumentative writing, and proper citations. Each student is responsible for meeting the writing standards designated by the program.

### Online

Online courses are offered in an accelerated eight-week format over the Internet. These courses are designed to provide an interactive learning experience for students. Faculty and students communicate and collaborate through online discussions and e-mail. Course materials generally include textbook(s), required readings and videos, asynchronous lectures, individual and/or group assignments, and assessments.

### Class Attendance

Students are expected to make every effort to attend class online throughout each week. Discussion posts are due each week, and most course assignments are due at the end of the week. Students should let instructors know ahead of time if they will miss a course deadline. Even with prior notification, late penalties may apply.

### Attendance at Final Exams

Final examinations may be given at the end of each academic period. Students who miss a final examination, or who fail to submit all required work without a justifiable excuse, are awarded a grade based on all course requirements. Students who are unable to take a final examination or complete final course requirements for a valid reason (i.e., circumstances beyond the student's control) must make a request in writing of the instructor for an extension of the course deadline(s). More information on requesting an extension can be found in this catalog.

### Diploma in Liberal Studies Requirements

The courses of the Diploma program begin with a no-credit Bridge to Learning Course, followed by ten courses (30 credits) in core liberal studies and five courses (15 credits) in a concentration area, as detailed below.

#### Preparatory Courses

JC 1000--Bridge to Learning	0 SH
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#### Foundational Courses

JC 2003--Ethics and the Human Person	3 SH
JC 2005--World Religions	3 SH
JC 2015--Academic Writing	3 SH
JC 2016--Interpersonal Communication	3 SH
JC 2020--Dynamic Algebra	3 SH

JC 2025--Interdisciplinary Arts	3 SH
JC 2030--Integrated Science	3 SH
JC 2055--Introduction to Sociology	3 SH
JC 2056--Introduction to Political Thought	3 SH
Elective	3 SH

Three semester hours selected from the following

JC 2018--Introduction to Leadership Studies	3 SH
JC 3015--Introduction to Human Rights/Women's Rights	3 SH

#### *Concentration Courses*

Select one of the following Concentrations

#### *Business Concentration*

This concentration focuses on the skills, theories, and strategies necessary to launch or expand a small business in multiple environments. This concentration is designed to introduce the fundamentals of starting a business while providing a macro view of the fundamentals of business, the global marketplace, and specific tools needed to plan and implement a small business. After completion of the core curriculum, students in the Business Concentration take five courses in the following order:

JC 2061--Introduction to Business	3 SH
JC 2062--Introduction to Organizational Behavior and Management	3 SH
JC 2070--Principles of Microeconomics	3 SH
JC 3011--Principles of Marketing	3 SH
JC 3005--Introduction to Entrepreneurship	3 SH

#### *Education Concentration*

This concentration provides an introductory overview of education and practical application for preparing students to teach in a classroom environment. After completion of the core curriculum, students in the Education Concentration take five courses in the following order:

JC 2080--Foundations of Education	3 SH
JC 2081--Educational Psychology	3 SH
JC 2083--Creating and Managing Learning Environments	3 SH
JC 2082--Education and Culture	3 SH
JC 2084--Practical Application of Teaching	3 SH

#### *Social Work Concentration*

This concentration provides an introductory overview of social work and practical application for preparing students for social work practice in their community. After completion of the core curriculum, students in the Social Work Concentration take five courses in the following order:

JC 2054--Introduction to Social Work	3 SH
JC 2053--Interpersonal Communication for Social Work	3 SH
JC 2058--Special Topics in Social Work	3 SH

JC 2057--Social Casework	3 SH
JC 2052--Community Practice and Advocacy	3 SH

## GRADUATE PROGRAMS

### MASTER OF ARTS

The Master of Arts degree provides students with an individually designed, multidisciplinary and academically rigorous program. The Master of Arts is a student-centered program that enhances students' educational choices for intellectual, professional, and personal growth. The degree is learner-designed and focuses on the achievement of the specific learning objectives and outcomes of each student. It provides a framework for students to plan a course of study unique to their own graduate learning needs. Students, with faculty approval, designate an academic specialization that reflects the individualized course of study included in their degree plan.

A strong collaborative working relationship with the faculty provides students with support and advice necessary to plan their individualized course of study. Students who prefer more structure may choose from an array of suggested academic specializations to support their career needs or to support their personal learning goals. Students whose learning goals go beyond the traditional graduate degree will find this degree to be relevant.

In addition to the Master of Arts core faculty, the program draws professors from many departments throughout Regis University and from experts working within the community. Courses from other Regis graduate programs are available for integration into students' specialized degree programs. At Regis University, the spiritual, ethical, and social development of the Master of Arts graduate student is of utmost importance. Opportunities for self-reflection, critical and creative thinking, community outreach, and service learning are foundational dimensions of this degree.

### ADMISSION

Admission is open to all men and women who have earned a baccalaureate degree in any field of study from a regionally accredited college or university. Applicants must demonstrate an ability to achieve graduate-level writing and critical analysis abilities before admission to the Master of Arts degree program.

The Admissions Office must receive the following documentation from each applicant before an admission decision can be rendered:

- Completed application form, which includes and non-refundable application fee
- Official transcripts reflecting a baccalaureate degree awarded from a regionally accredited college or university
- Completed admission essays
- Two recommendation forms from colleagues or supervisor
- Current resume

Once all documentation has been received, an admission committee reviews the application and makes an admission recommendation. In some cases a student may be encouraged or

required to complete preparatory work prior to enrollment in the program, and/or attend a telephone or campus interview. Following acceptance to the program, students will meet with a faculty advisor to plan their graduate study.

## MASTER OF ARTS PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$490
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

## DEGREE REQUIREMENTS

The Master of Arts degree requires the successful completion of 36 semester hours of graduate course work (600-level) in an individualized Degree Plan. Core courses, research methods, and a master's research project are required.

Students must maintain a cumulative grade point average of 3.000 or better in all 600-level courses. A grade of "C" or higher is required in all 600-level courses. A maximum of two courses with a grade of "C" can be applied toward the degree requirements. A grade of "C-" or lower is unacceptable.

## COURSE OVERLOAD

Students are considered to be enrolled full time if they are registered for six semester hours in one semester. Students who want to register for more than six semester hours in any semester may do so with the approval of the faculty advisor.

## CROSS REGISTRATION

MA Policy provides students with the opportunity to transfer graduate course work into the Master of Arts degree plan. Master of Arts students may enroll in graduate courses in other Regis graduate programs while enrolled in the Master of Arts program and count the courses toward completion of the requirements of the Master of Arts degree under the following conditions:

- To register for non-Master of Arts courses, a student must meet all requirements of the program whose course work is taken.
- Master of Arts students must include all such course(s) in the degree plan and the course(s) must be approved by the faculty advisor before the student registers for the course.
- Suitability of course work from other Regis graduate programs for the Master of Arts degree depends on several factors: relevance of the course to the student's needs and goals; compatibility of the course with Master of Arts mission and goals; fit of the course into the requirements of a student's field of emphasis.

Students enrolled in other Regis University graduate programs and in Good Standing may register for Master of Arts courses, either classroom-based or directed study. To do so the student must have approval from his/her academic advisor in the program in which the student is currently enrolled, and obtain written approval from the Master of Arts degree chair

Courses eligible for cross registration include all Master of Arts courses for which there is no prerequisite requirement. If a student wishes to enroll in a course for which one or more prerequisite courses exist, the student must satisfy all prerequisite requirements before he/she will be permitted to enroll.

<i>Total Degree Requirements</i>	36 SH
<i>Core Requirements</i>	9 SH
MAPC 601--Graduate Transformation I: Writing and Research	3 SH
MAPC 602--Ethics and Multiculturalism	3 SH
MAPC 603--Graduate Transformation II: Direction and Context	3 SH
<i>Specialization Courses</i>	21 SH

Students select existing Regis University graduate courses for which they have met prerequisites or design individualized study courses aligned with their degree plan. All courses must be associated with the students approved specialization.

### Capstone Requirement

Six semester hours selected from one of the following three options:

- MAPC 688--MA Capstone Planning 3 SH  
MAPC 696--MA Capstone 3 SH
- MAPC 697A--MA Thesis A 3 SH  
MAPC 697B--MA Thesis B 3 SH
- MAPC 694--MA Comprehensive 3 SH  
One additional course in specialization 3 SH

## DUAL SPECIALIZATION

Students may elect to complete the Master of Arts degree with two specializations. Each specialization must include a minimum of 15 semester hours of courses for each specialization. Courses for one specialization may not be applied to fulfill requirements for the second specialization.

## SECOND SPECIALIZATION

A Regis University Master of Arts graduate who wishes to return for a second specialization must meet all the current core requirements and 15 semester hours for the new specialization.

## GRADUATE CERTIFICATES

Students may elect to complete a Graduate Professional Studies Certificate or a Graduate Liberal Studies Certificate. An individualized Certificate Plan will be completed based on the student's specific goals. A specialization for the certificate will be proposed by the student and approved by the faculty prior to

enrollment. The specialization will appear on the student's academic transcript. A minimum of 12 semester hours and a maximum of 15 semester hours are required.

## ADMISSION

The Admissions Office must receive the following documentation from each applicant before an admission recommendation will be rendered:

- A completed application form, which includes a non-refundable application fee
- Official transcripts reflecting a baccalaureate degree awarded from a regionally accredited college or university
- Two letters of recommendation
- Completed admission essays
- Current resume

## EDUCATION

The Education program offers the following options:

Colorado Principal Licensure

Colorado Teacher Licensure

Wyoming Teacher Licensure

Additional Endorsements

Re-licensure course work

Academic Certificates

Students who have completed a baccalaureate degree may take additional courses required for licensure. It is also possible for students who currently have a baccalaureate degree to combine the specific education courses with a Master's degree in Education (M.Ed.).

Those who are currently certified or licensed may take additional course work for re-licensure or to add additional endorsements. Individuals who are certified in another state may also complete course work required for licensure in Colorado and/or Wyoming. The State Department of Education should be contacted prior to enrolling in courses for re-licensure or licensure for those transferring from another state.

### Initial Licensure and Added Endorsements

The following licensure options are available at the Graduate level:

Elementary Education (Grades K-6)

Secondary Education (Grades 7-12)

Business

English

Foreign Language (French, German, or Spanish)

Mathematics

Science

Social Science

Special Education Generalist

Education Leadership (Principal Licensure)

Reading Specialist (Colorado Only)

Reading Teacher (Colorado and Wyoming)

## EDUCATION PROGRAM CHARGES FOR THE 2017–2018 ACADEMIC YEAR

Tuition (per semester hour)	\$485
Application Fee (non-refundable)	\$50
MAE CAP Review Fee	\$250
Graduation Fee	\$50

## ADMISSION

### M.A. In Education

- A baccalaureate degree and proof of current teacher licensure as an pre-K, elementary, secondary or K-12 teacher.
- Submission of official transcripts for all college/university coursework.
- An undergraduate cumulative grade point average of 2.750 from the baccalaureate degree-granting institution. Earned graduate credits may be considered in the GPA requirement as approved by the program director.
- A minimum of one year teaching experience in either public or private schools in any grade, pre-K through grade 12. Exceptions must be approved by the MAE director.
- Access to students for on-going application of program concepts.
- A complete Regis University application. All documents submitted during the application process become the property of Regis University.

#### Application Deadline

Applications for admission are accepted throughout the year. Early application prior to the desired starting date is encouraged.

#### Application Fee

A nonrefundable application fee of \$50 is required. This fee must be paid in full before the application is processed unless it is waived.

#### Returning Students

The MAE Program is designed to allow flexibility in the completion of the course of study. Those who step out of the program and wish to return may do so within two years without an interview with the program director. After a two-year absence, a student must have an interview with the program director to review degree goals and to outline steps to be taken for continuing in the

program. The student may be required to complete a new application to the program.

#### *Provisional Admission*

Students who do not meet all academic admission criteria but demonstrate promise for the program may be admitted on a provisional basis. Under the provisional status, students must attain a grade of "B" or higher on the first nine hours of graduate course work or successfully complete designated requirements. A grade of "B-" or lower is not acceptable. Successful completion of the requirements removes the provisional status and may entitle students to good academic standing.

Students who do not meet the writing proficiency requirement are required to successfully complete a writing course.

### **M.Ed. with Licensure**

When all admission materials have been received, graduate faculty review each application for admission to the Master of Science or Master of Education (M.Ed.) degree programs. Applicants are asked to pay strict attention to the application deadline for the academic term in which they wish to start. Applicants applying for the M.Ed. degree program may apply for Colorado teacher licensure or they may apply for the M.Ed. Program without licensure. The following admission requirements must be met before the applicant's file will be reviewed by faculty:

- Bachelor's degree from a U.S. regionally accredited college/university.
- Non-refundable \$50 application fee (waived if previously paid to Regis).
- Official transcripts from each U.S. regionally accredited institution attended. Added Endorsement and Principal Licensure applicants need only the degree-bearing transcript.
- Minimum overall GPA of 2.75 from previously attended colleges/universities. (Added endorsement and Principal Licensure applicants: Minimum overall GPA of 2.75 on degree bearing transcript with option of supplying additional coursework transcripts.).
- Essay (required for certain M.Ed programs only).
- Interview with Program Coordinator may be required.
- Current resume.
- For Principal Licensure applicants: One Online Recommendation form from a principal, colleague, or supervisor who knows your work in a professional setting. (Observation form not needed.)
- Background Check – Initial licensure students only.
- Years of experience requirements for Principal Licensure applicants: 3 years of teaching experience required prior to starting the program.
- Years of experience requirements for Reading Teacher applicants: 2 years of teaching experience required by completion of the program.

### **M.Ed. without Licensure**

- Bachelor's degree from a regionally accredited college/university.
- Non-refundable \$50 application fee (waived if previously paid to Regis).
- Official degree-bearing transcript from a U.S. regionally accredited institution with a print date of within one year of your application date.
- Minimum overall GPA of 2.75 on degree bearing transcript with option of supplying additional coursework transcripts.
- Critical analysis essay.
- Current resume (optional).
- Copy of current teaching license. NOTE: The State of Colorado requires that all candidates for teacher licensure pass a state designated Content Area Exam prior to student teaching.

### **Non-Degree Seeking/Special Students**

A student seeking admission as a non-degree seeking, special student must:

- Submit the special student application and fee
- Three years work experience (preferred)
- Submit unofficial transcripts from regionally accredited colleges or universities
- Complete the Criminal Background
- Meet all prerequisite requirements for registered courses

A maximum of 9 semester hours may be taken.

Non-degree seeking students who wish to become degree-seeking must meet all admission requirements for that degree. Courses taken by non-degree seeking students apply to degree requirements if the courses are appropriate for the selected degree.

## **MASTER OF ARTS IN EDUCATION**

### **INTRODUCTION**

The Master of Arts in Education Program is primarily designed for licensed teachers (K-12) who desire to learn in a collaborative, reflective, and challenging environment through experiences that develop their capabilities as leaders in the education profession.

The MAELD program includes required credit hours for a Culturally and Linguistically Diverse Education (CLDE) Endorsement (21-23 semester hours) and a LDE Certificate (12 semester hours). The Master of Arts in Education programs are designed to provide continued depth of knowledge incorporating current research and practices in the field of education for the licensed teacher. Completion of these programs does not lead to licensure as a public school teacher in the State of Colorado with the exception of the Graduate Teacher Licensure program which does lead to teacher licensure. Please refer to that specific section in the Regis College section of this *catalog* for further information.



## LEARNING FORMAT

Courses in the MAE Program are offered in a classroom or in an online format which includes online components. Fall and spring semester courses are scheduled in the evenings or weekends. Some courses extend over a full 16-week academic period while others are of a shorter duration. Most summer semester courses are offered in concentrated blocks.

## FACULTY

The MAE Program is distinguished by a faculty drawn largely from the ranks of practicing education professionals. The program's fundamental instructional philosophy is that eminently qualified master teachers practicing constructivist learning theory in classrooms are actively involved in the program as instructors.

## ACADEMIC INFORMATION

### REGISTRATION

Students may register online via WebAdvisor, in person, by phone, or at any Regis University location.. Students may register for courses during the add/drop period by contacting the MAE office. Tuition must be paid at the time of registration or prior to the first class session of each course.

### ATTENDANCE

Because of the concentrated nature of the program, students are expected to attend every class session. Any exceptions to this statement should be negotiated with the Program Director and individual instructors. Absences may result in a lower grade.

### AUDITING A COURSE

Auditing is permitted for Regis alumni for a nominal fee through the Alumni Audit Program. Non-alumni may audit courses up to a maximum of six credit hours. Full tuition is charged to all unspecified (non-degree seeking) non-alumni students registered to audit any Regis University course.

### COURSE LOAD/OVERLOAD

Six semester hours constitute a full load for fall or spring semesters. Nine semester hours constitute a full load in the summer. Students wishing to carry more than the full load must present a formal written request for overload to the program director prior to the beginning of the class.

### TRANSFER CREDIT

Transfer credit is only awarded for graduate-level coursework for which a grade of "B" or better has been earned at other colleges and universities that are accredited by a regional association. A maximum of six to nine semester hours of transfer credit may be requested depending on program emphasis.

Courses that are transferred into a candidate's Regis University Master of Arts in Education (MAE) Degree Plan must align with or

equate to existing courses in the MAE program in both underlying philosophy and content and/or must expand/support student's teaching position. No course may be transferred in to take the place of a Core course without director approval. A course syllabus must accompany each course transfer request.

### Graduate Certificate Transfer Credit

Graduate transfer credit is not accepted into the Certificate Program. All semester hours required must be earned through Regis University.

### PROGRAM OF STUDY

The program of study outlines the requirements for the Master of Arts in Education programs. The students program of study is determined by the University Catalog degree completion requirements in effect at the date of matriculation. Students must complete the program within five years. The program of study expires after five years, after which a student must have an interview with the program director to establish remaining degree requirements and a time frame for program completion. Additional requirements may be imposed due to program modifications.

### Double Specialization

Students may complete the Master of Arts in Education with a double specialization. Students must complete the requirements for each specialization, including all elective credits for each specialization. Courses taken which are required in both specializations will be considered, but the plan for the second specialization must include a minimum of 9 additional credits unique to the second specialization. Final requirements for the double specialization will be determined by the advisor. When all requirements for both specializations have been completed, the degree and both specializations are posted to the student's official transcript and diploma.

### Second Specialization

A Regis University Master of Arts in Education graduate who wishes to return for a second specialization must complete an application for readmission and the requirements for the second specialization. Courses taken during the first specialization which are required in both specializations will be considered, but the plan for the second specialization must include a minimum of 9 additional credits unique to the second specialization. Final requirements for the second specialization will be determined by the advisor. Upon completion of all requirements, the second specialization is posted to the student's official transcript and a certificate for the second specialization is awarded to the student.

## MASTER OF ARTS IN EDUCATION: LEARNING AND TEACHING

This degree specialization expands the teachers' literacies, both personally and professionally, in a broad range of content that is directly applicable to the classroom. The program is based on current research about effective curricula and how to create the optimal learning environment for students of all areas.

### DEGREE REQUIREMENTS

- Successful completion of 30 semester hours from required Learning and Teaching with a minimum cumulative grade point average of 3.000.
- Successful completion of a CAP Review the final semester of a candidate's program. The CAP Review provides a platform for degree candidates to present evidence of their growth and change as a result of experiences in the MAE Program.

#### Total Master of Arts in Education: Learning and Teaching Degree Requirements **30 SH**

Core Requirements	12 SH
Learning and Teaching courses	18 SH

#### Graduate MAELT Course Offerings

MAE 605E--Arts for Learning	2 SH
MAE 605M--Multicultural Perspectives	3 SH
MAE 605N--Numeracy Workshop	2 SH
MAE 605S--Socratic Seminar	2 SH
MAE 610--Connecting Beliefs, Theory and Practice	3 SH
MAE 614--Action Research: Foundations	3 SH
MAE 616--Action Research: Application	3 SH
MAE 621--Curriculum Evaluation Theory and Application	3 SH
MAE Electives	9 SH
MAE 699A--Culminating Academic Program (CAP) Review	0 SH

#### Core Courses

The Core component courses provide the framework for classroom practice. Focus is on students in the discovery of their literacy and self-as-learner, beliefs about teaching and learning, theoretical understanding and the development of research skills.

#### Strategy Strands/Electives

The purpose of the elective courses is to provide choice for focus within or across curricular areas to deepen or widen understandings of the development of literacy in specific contexts.

Candidates select nine semester hours from electives offered throughout the course of the program. These electives are designed to highlight integration between courses and across strands and to demonstrate theory-as-practice in classroom settings.

### Culminating Academic Program (CAP) Review

Candidates are required to present a synthesis of their growth and change in a Culminating Academic Program (CAP) Review before a review committee the final semester of their program. Candidates submit a letter of intent to the MAE office and register for MAE 699A--Culminating Academic Program (CAP). An abstract of a candidate's presentation must be submitted to the MAE Office no later than one week prior to the scheduled Review.

Candidates may receive a Pass, an Incomplete, or a No Pass grade for their CAP Review presentation. Candidates may have one additional opportunity to successfully complete the CAP Review process if given an Incomplete. Candidates have additional semester to complete the committee's recommendations and complete the Review following an Incomplete Review assessment.

## MASTER OF ARTS IN EDUCATION: TEACHER LEADERSHIP

Master of Arts in Education: Teacher Leadership provides candidates the opportunity to expand their circle of influence within and beyond their classroom. Drawing from the national Teacher Leader Model Standards and the Colorado Quality Teacher Standards, coursework will advance the skills and credentials of teachers seeking to serve in a variety of leadership roles. This degree will offer candidates a deep understanding of the various dimensions of teacher leadership including: advocacy and outreach, fostering learning communities, facilitating adult learning, negotiating change processes, understanding collaboration paradigms, and using data to improve instruction.

### DEGREE REQUIREMENTS

- Successful completion of 32 semester hours from required Core courses and Teacher Leadership Academic Certificate courses with a minimum cumulative grade point average of 3.000.
- Successful completion of a CAP Review the final semester of a candidate's program.
- Practicum experience appropriate to Teacher Leadership.

#### Total Master of Arts in Education: Teacher Leadership

##### Degree Requirements **30 SH**

Teacher Leadership Certificate Courses	12 SH
Teacher Leadership Courses	6 SH
Master's Core Courses	12 SH

#### Graduate MAETL Course Offerings

MAE 640J--Leading Collaborative Cultures	3 SH
MAE 640K--Leadership for Inclusion and Equity	3 SH
MAE 640L--Leading with Data in Mind	3 SH
MAE 640F--Leading Instruction and Reflective Practice	3 SH

MAE Elective	3 SH
MAE 640M--Teacher Leadership Practicum	3 SH
MAE 610--Connecting Belief, Theory and Practice	3 SH
MAE 614--Action Research: Foundations	3 SH
MAE 616--Action Research: Application	3 SH
MAE 621--Curriculum Evaluation Theory and Application	3 SH
MAE 699A--Culminating Academic Program (CAP) Review	0 SH

### Culminating Academic Program (CAP) Review

Candidates are required to present a synthesis of their learning in a Culminating Academic Program (CAP) Review before a review committee the final semester of their program. Candidates register for MAE 699A--Culminating Academic Program Review. The purpose of the review is to provide a forum for candidates to demonstrate their growth as learners and educators and their ability to meet the program and university standards. Candidates may receive a Pass, Incomplete, or No Pass grade for their CAP Review presentation. Candidates have one semester to complete the committee's recommendations and repeat the Review following an Incomplete Review assessment.

## MASTER OF ARTS IN EDUCATION: TEACHING THE LINGUISTICALLY DIVERSE

Master of Arts in Education: Teaching the Linguistically Diverse specialization provides candidates with the latest research in how students learn English as an additional language and develop as bilingual learners. The course work is aligned with the state of Colorado Teacher Performance Standards for preparing teachers to teach culturally and linguistically diverse learners, and provides strategies for teachers to facilitate their specific learning needs. This degree addresses all the academic requirements for the Culturally and Linguistically Diverse Education Endorsement (CLDE) in the State of Colorado.

### DEGREE REQUIREMENTS

- Successful completion of 33-35 semester hours from required CLDE endorsement courses (21-23 semester hours), and Master's Core (12 semester hours) with a minimum cumulative grade point average of 3.000.
- Successful completion of a CAP Review the final semester of a candidate's program. The CAP Review provides a platform for degree candidates to present evidence of their growth and change as a result of their learning experiences in the MAE Program. The student's developing portfolio provides resources for the CAP Review.
- Students must be competent in reading, writing, and speaking English. They must have a commitment to the field of multicultural education and demonstrate cross-cultural sensitivity.

## Total Master of Arts in Education: Teaching the Linguistically Diverse Degree Requirements

**33-35 SH**

LDE Endorsement Courses	21-23 SH
Master's Core Courses	12 SH

### Graduate MAELD Course Offerings

MAE 605M--Multicultural Perspectives	3 SH
MAE 610--Connecting Beliefs, Theory and Practice	3 SH
MAE 614--Action Research: Foundations	3 SH
MAE 616--Action Research: Application	3 SH
MAE 621--Curriculum Evaluation Theory and Application	3 SH
MAE 665E--Teaching Strategies for Culturally and Linguistically Diverse Educators	3 SH
MAE 665G--Linguistics I: Language Acquisition	3 SH
MAE 665H--Foundations for Culturally and Linguistically Diverse Educators	3 SH
MAE 665I--Assessment for Culturally and Linguistically Diverse Education	3 SH
MAE 665L--Practicum for Culturally and Linguistically Diverse Education*	2 SH
MAE 665P--Literacy for Culturally and Linguistically Diverse Education	3 SH
MAE 665R--Linguistics II: Form and Function	3 SH
MAE 699A--Culminating Academic Program (CAP) Review	0 SH

\*Waived for practicing teachers

### Culminating Academic Program (CAP) Review

Candidates are required to present a synthesis of their learning in a Culminating Academic Program (CAP) Review before a review committee the final semester of their program. Candidates register for MAE 699A--Culminating Academic Program Review. The purpose of the review is to provide a forum for candidates to demonstrate their growth as learners and educators and their ability to meet the program and university standards. Candidates may receive a Pass, an Incomplete, or a No Pass grade for their CAP Review presentation. Candidates have one semester to complete the committee's recommendations and repeat the Review following an Incomplete Review assessment.

## CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION ENDORSEMENT PROGRAM

### INTRODUCTION

MAE offers a program that prepare licensed educators for an added endorsement through the State of Colorado in the area of Culturally and Linguistically Diverse Education (CLDE). This endorsement program is designed to provide comprehensive training for teachers in the process of literacy learning and

teaching across the content areas as it applies to the culturally and linguistically diverse learner. A student wanting this endorsement does not need to complete a Master's degree but must follow similar admission requirements as outlined for the MAE program. A student may choose, however, to pursue a Master of Arts in Education degree in which credit hours earned toward the endorsement program are applied towards the degree.

## ENDORSEMENT PLAN

The Endorsement Plan outlines in writing the requirements for the CLDE Endorsement.

## ENDORSEMENT REQUIREMENTS

- Candidates must maintain a cumulative grade point average of 3.000 or better in all 600-level courses. If a student's grade point average falls below 3.000 in the MAE program course requirements, the student is placed on academic probation.
- A candidate who receives a grade of "C" in two courses at the 600-level is subject to academic review and suspension from the program. Grades lower than a "C" do not meet any requirement of the endorsement programs and are unacceptable.
- Successful completion of 21-23 semester hours from required courses for the CLDE Endorsement.
- Candidates pursuing the CLDE endorsement are encouraged to complete 3 semester hours of study in a foreign language, a language immersion experience, or equivalent prior to completion of the endorsement program.
- The endorsement program must be successfully completed within four years from the date of the CLDE Endorsement Plan.

### Coursework Required for Culturally and Linguistically Diverse Education Endorsement

**21 - 23 SH**

MAE 605M--Multicultural Perspectives	3 SH
MAE 665E--Teaching Strategies for Culturally and Linguistically Diverse Educators	3 SH
MAE 665G--Linguistics I: Language Acquisition	3 SH
MAE 665H--Foundations for Culturally and Linguistically Diverse Educators	3 SH
MAE 665I--Assessment for Culturally and Linguistically Diverse Education	3 SH
MAE 665P--Literacy for Culturally and Linguistically Diverse Education	3 SH
MAE 665R--Linguistics II: Form and Function	3 SH
MAE 665L--Practicum for Culturally and Linguistically Diverse Education*	2 SH

\*Waived for practicing teachers.

## MASTER OF EDUCATION (MEd)

### MASTER OF EDUCATION IN EDUCATIONAL LEADERSHIP 33 SH

EDLS 660--Fiscal Leadership	3 SH
EDLS 661--Human Resources for Educational Leaders	3 SH
EDLS 662--Instructional Leadership	3 SH
EDLS 681--Personnel Selection and Supervision	3 SH
EDLS 685--Peer Mentoring and Support	3 SH
EDLS 689--School Law	3 SH
EDLS 690--School Strategy and Sustainability	3 SH
EDLS 692--Community and Communications Leadership	3 SH
EDLS 694--Education Policy and Organization Leadership	3 SH
EDLS 696--Ethical and Reflective Leadership	3 SH
EDLS 697--Data Literacy and Assessment	3 SH

### MASTER OF EDUCATION IN ELEMENTARY EDUCATION 46 SH

EDFD 601--Educational Foundations	3 SH
EDES 603--Equity, Ethics and Social Justice in Education	3 SH
EDES 640--Culturally and Linguistically Diverse Learners	3 SH
EDFD 630--Educational Psychology	3 SH
EDSP 620--Universal Design for Learning: A Framework For Teaching and Learning	3 SH
EDRS 600--Educational Research and Critical Reflection	3 SH
EDSP 663--Assessment in Special and Inclusive Classrooms	3 SH
EDEL 660--Nature and Practice of Literacy, Expressive Arts and Social Studies	3 SH
EDEL 662--Nature and Practice of Science, Health and Physical Education	3 SH
EDEL 663--Nature and Practice of Mathematics	3 SH
EDSP 664--Behavior Management and Intervention	3 SH
EDRG 644--Teaching Reading and Writing	3 SH
EDFD 697--Professionalism in Education I	2 SH
EDEL 690--Student Teaching: Elementary	8 SH

### MASTER OF EDUCATION IN READING ADDED ENDORSEMENT 30 SH

EDRG 602--Reading and Writing Connections	3 SH
EDRG 603--Emergent Literacy	3 SH
EDRG 604--Literacy for the Diverse Learner	3 SH
EDRG 606--Reading Assessment and Intervention	3 SH

EDRG 608--Evidence-Based Reading Techniques	3 SH
EDRG 635--Reading Strategies for Secondary Students	3 SH
EDRG 640--Organization and Management of School Literacy Programs	3 SH
EDRG 644--Teaching Reading and Writing	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH
EDRG 694--Practicum: Reading Teacher or EDRG 695--Practicum: Reading Specialist	3 SH

### MASTER OF EDUCATION IN READING NON LICENSURE 30 SH

EDRG 602--Reading and Writing Connections	3 SH
EDRG 603--Emergent Literacy	3 SH
EDRG 604--Literacy for the Diverse Learner	3 SH
EDRG 606--Reading Assessment and Intervention	3 SH
EDRG 608--Evidence-Based Reading Techniques	3 SH
EDRG 635--Reading Strategies for Secondary Students	3 SH
EDRG 640--Organization and Management of School Literacy Programs	3 SH
EDRG 644--Teaching Reading and Writing	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH
EDRG 697--Capstone Project in Literacy	3 SH

### MASTER OF EDUCATION IN SECONDARY EDUCATION 40 SH

EDFD 601--Educational Foundations	3 SH
EDRS 600--Educational Research and Critical Reflection	3 SH
EDES 603--Equity, Ethics and Social Justice in Education	3 SH
EDFD 630--Educational Psychology	3 SH
EDSP 620--Universal Design for Learning: A Framework for Teaching and Learning	3 SH
EDRG 644--Teaching Reading and Writing or 600-level Education Elective	3 SH
EDSP 663--Assessment in Special and Inclusive Classrooms	3 SH
EDSP 664--Behavior Management and Intervention	3 SH
EDSC 652--Reading and Writing in the Content Area	3 SH
EDSC 661-669--Secondary Methods (Content Area)	3 SH
EDFD 697--Professionalism in Education	2 SH
EDSC 690--Student Teaching: Secondary	8 SH

### MASTER OF EDUCATION IN SPECIAL EDUCATION GENERALIST INITIAL LICENSURE 46 SH

Prerequisite:

EDFD 630--Educational Psychology (or equivalent)	3 SH
Degree Requirements	46 SH
EDES 603--Equity, Ethics and Social Justice in Education	3 SH
EDFD 697--Professionalism in Education	2 SH
EDSP 620--Universal Design for Learning: A Framework for Teaching and Learning	3 SH
EDRS 600--Educational Research and Critical Reflection	3 SH
EDRG 644--Teaching Reading and Writing	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH
EDSP 605--Foundations of Special Education	3 SH
EDSP 610--Transition and Secondary Services	3 SH
EDSP 644--Mathematic Intervention for Children with Special Needs	3 SH
EDSP 663--Assessment in Special and Inclusive Classrooms	3 SH
EDSP 664--Behavior Management and Intervention	3 SH
EDSP 665--Consultation and Collaboration Skills	3 SH
EDSP 670--Methods and Strategies in Special Education	3 SH
EDSP 692--Practicum in Special Education Generalist	8 SH

NOTE: Some course work may be waived for those who already hold a Colorado license or certificate.

### MASTER OF EDUCATION IN SPECIAL EDUCATION GENERALIST ADDED ENDORSEMENT 36 SH

EDES 603--Equity, Ethics and Social Justice in Education	3 SH
EDRS 600--Educational Research and Critical Reflection	3 SH
EDRG 644--Teaching Reading and Writing	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH
EDSP 605--Foundations of Special Education	3 SH
EDSP 610--Transition and Secondary Services	3 SH
EDSP 620-- Universal Design for Learning: A Framework for Teaching and Learning	3 SH
EDSP 644--Mathematic Intervention for Children with Special Needs	3 SH
EDSP 663--Assessment in Special and Inclusive Classrooms	3 SH
EDSP 664--Behavior Management and Intervention	3 SH
EDSP 665--Consultation and Collaboration Skills	3 SH
EDSP 670--Methods and Strategies in Special Education	3 SH

**LICENSURE ONLY**

The following added endorsement areas can be pursued without pursuing a master's degree:

**Special Education Generalist**

EDRG 644--Teaching Reading and Writing	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH
EDSP 605--Foundations of Special Education	3 SH
EDSP 610--Transition and Secondary Services	3 SH
EDSP 644--Mathematic Intervention for Children with Special Needs	3 SH
EDSP 663--Assessment in Special and Inclusive Classrooms	3 SH
EDSP 664--Behavior Management and Intervention	3 SH
EDSP 670--Methods and Strategies in Special Education	3 SH

**EDUCATION GRADUATE  
ACADEMIC CERTIFICATES****ADMISSION**

The Admissions Office must receive the following documentation from each applicant before an admission decision will be rendered:

- Bachelor's degree from a regionally accredited college/university.
- Non-refundable \$50 application fee (waived if previously paid to Regis).
- Official degree-bearing transcript from a U.S. regionally accredited institution.
- Minimum overall GPA of 2.75 on degree-bearing transcript with option of supplying additional coursework transcripts.
- Current resume.
- Competency in reading, writing, and speaking English.
- Copy of current Teaching License.

**CERTIFICATE REQUIREMENTS**

NOTE: Some certificates have prerequisite requirements.

**Culturally and Linguistically Diverse  
Educators****12 SH**

MAE 665H--Foundations for Culturally and Linguistically Diverse Educators	3 SH
MAE 665G--Linguistics I: Language Acquisition	3 SH
MAE 665E--Teaching Strategies for Culturally and Linguistically Diverse Educators	3 SH
MAE 665I--Assessment for Culturally and Linguistically Diverse Education	3 SH

**Educational Leadership****24 SH**

EDLS 660--Fiscal Leadership	3 SH
EDLS 661--Human Resources for Educational Leaders	3 SH
EDLS 662--Instructional Leadership	3 SH
EDLS 690--School Strategy and Sustainability	3 SH
EDLS 692--Community and Communications Leadership	3 SH
EDLS 694--Education Policy and Organization Leadership	3 SH
EDLS 696--Ethical and Reflective Leadership	3 SH
EDLS 697--Data Literacy and Assessment	3 SH

**Literacy\*****12 SH**

EDRG 644--Teaching Reading and Writing	3 SH
EDRG 603--Emergent Literacy	3 SH
EDRG 606--Reading Assessment and Intervention	3 SH

Three semester hours selected from the following:

EDRG 604--Literacy for the Diverse Learner	3 SH
EDRG 653--Literacy for Students with Special Needs	3 SH

\*Requires that student is or has been a teacher.

**Teacher Leadership**

MAE 640I--Leading Professional Learning	3 SH
MAE 640J--Leading Collaborative Cultures	3 SH
MAE 640K--Leadership for Inclusion and Equity	3 SH
MAE 640L--Leading with Data in Mind	3 SH

**MASTER OF FINE ARTS IN  
CREATIVE WRITING**

The Master of Fine Arts in Creative Writing (also known as The Mile-High MFA) requires the successful completion of four 16-week writing semesters and five nine-day residencies. Students will begin with an Orientation at their first residency and end with an MFA Degree Ceremony in their final residency. Following each residency (except the last) will be a semester-long study in which students will work one-on-one with a faculty mentor. By their final residency, students will have written and revised 240-400 pages of prose (fiction, nonfiction, graphic novel, writing for performance) or 160-240 pages of poetry/flash fiction, along with at least 25 book annotations, a book-length thesis, a critical introduction to their thesis, a Critical Essay in their major genre, and a Writing in the World Action Plan.



## ADMISSION REQUIREMENTS

- Bachelor's degree from a regionally accredited university or college (required)
- GPA or higher in English/writing classes preferred
- Undergraduate GPA of 3.0 or higher preferred
- Demonstration of exceptional writing ability (or the potential for exceptional writing)--15 pages required
- Personal interview (at the directors' discretion)
- Two letters of recommendation
- A \$350 non-refundable deposit (required upon acceptance) that will be applied toward your tuition.

## MASTER OF FINE ARTS PROGRAM CHARGES FOR THE 2017– 2018 ACADEMIC YEARS

Tuition (per semester hour)	\$590
Fine Arts Residency Fee	\$350
Application Fee (nonrefundable)	\$ 75
Graduation Application Fee	\$ 50

## DEGREE REQUIREMENTS

The Master of Fine Arts in Creative Writing degree requires the successful completion of a total of 54 semester hours of graduate courses (600 level). The degree is designed to be completed in 2 years, plus a final Residency.

<i>MFA Degree Requirements</i>	54 SH
<i>MFA Dual-Genre Requirements</i>	66 SH
MFA 601--Residency I	3 SH
MFA 602--Residency II	3 SH
MFA 602D-- Dual-Genre Residency	3 SH
MFA 603-- Residency III	3 SH
MFA 604-- Residency IV	3 SH
MFA 605-- Residency V	3 SH
MFA 651--Writing Seminar I	9 SH
MFA 652--Writing Seminar II	9 SH
MFA 652D--Writing Seminar II: Dual-Genre	9 SH
MFA 653--Writing Seminar III	9 SH
MFA 654--Writing Seminar IV	9 SH
MFA 670-- Writing in the World Action Plan	0 SH
MFA 680-- Critical Essay	1 SH
MFA 690-- MFA Thesis and Defense	2 SH

## MASTER OF SCIENCE IN CRIMINOLOGY

Students interested in the Master of Science Degree in Criminology are individuals seeking advancement in leadership positions within their agencies. Students will strengthen their knowledge of criminology; enhance their abilities in analysis techniques, crime prediction, and crime prevention and policy development. The graduate degree in criminology provides a strong practical application across the entire curriculum. The Master of Science in Criminology also offers three distinct areas of focus to target a specific career track: Leadership, Human Behavior, and Cybercrime/Terrorism.

## ADMISSION

Admission is open to all individuals who have earned a baccalaureate degree in any field of study from a regionally accredited college or university. Applicants must demonstrate the ability to achieve graduate-level writing and engage in critical analysis.

The Admissions Office must receive the following documentation from each applicant before an admission decision can be rendered:

- A completed application form, which includes a non-refundable application fee.
- Official transcript(s) reflecting a baccalaureate degree awarded from a regionally accredited college or university.
- A completed admission essays.
- Two letters of recommendation.
- A current resume.
- Faculty interview.

Once all documentation has been received, an Admission Committee reviews the application and makes an admission recommendation.

## MASTER OF SCIENCE IN CRIMINOLOGY PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$575
Application Fee (non-refundable)	\$50
Graduation Fee	\$50

The tuition, fees and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

## CROSS REGISTRATION

Master of Science in Criminology students are able to cross register into other graduate program courses if they meet the requirements of that program. If the student plans to request that the course be treated as transfer credit, the student must obtain approval from the academic advisor prior to registration.



Students enrolled in other Regis University graduate programs and in Good Standing may register for MS in Criminology courses. Permission to enroll in MS in Criminology courses does not guarantee that the courses can be transferred to the student's primary degree program.

## DEGREE REQUIREMENTS

The Master of Science in Criminology degree requires the successful completion of a total of 36 semester hours of graduate courses (600 level). The degree is designed to be completed in 24 months, taking one course each eight-week academic period.

<i>Total Degree Requirements</i>	<i>36 SH</i>
MSCR 604--Contemporary Issues in Criminology	3 SH
MSCR 605--Criminal Psychopathology	3 SH
MSCR 620--Leadership Principles in Criminology	3 SH
MSCR 625--Ethical Conduct and Positions of Power	3 SH
MSCR 640--Transnational Crime	3 SH
MSCR 650--Contemporary Crime Policy: Current and Future Needs	3 SH
MSCR 652--Strategic Planning, Implementation and Evaluation	3 SH
MSCR 654--Crime Prediction and Prevention	3 SH
MSCR 660--Cyber Criminology	3 SH
MSCR 680--Rapid Decision Making	3 SH
MSCR 694--Research Analysis and Application	3 SH
MSCR 696--Capstone Project	3 SH

## COLLEGE OF CONTEMPORARY LIBERAL STUDIES COURSE DESCRIPTIONS

### UNDERGRADUATE

#### CAPSTONE (CAP)

CAP 493. RESEARCH METHODS (3). Introduces scientific research methodology. Includes qualitative and quantitative research methods. Focuses on interpreting research studies in a critical manner and the skill necessary to begin original research.

CAP 494. SENIOR CAPSTONE (3). Provides the culminating experiences of the major, focusing on integration and application of theory. Must be completed as graded course work at Regis University.

CAP 495. CAPSTONE COMPREHENSIVES (3). Students design discipline specific deep questions and write undergraduate level responses, integrating course work and research as necessary to provide a comprehensive response to each question. Questions include specific connections to the Regis Mission.

## CATHOLIC STUDIES (CAS)

CAS 409. JUSTICE AND PEACE (3). Studies issues of poverty, human rights, economic justice, war, and the environment from the perspective of religious values. Cross listing: RC 409.

CAS 412. CATHOLIC LIFE AND THOUGHT (3). An exploration of post-Vatican Council II Catholic Christian belief and practice with emphasis on the foundations, historical forms and resources of the tradition and its development. Special attention will be given to topics of interest to adults. Cross listing: RS 412.

CAS 416. JESUIT SPIRITUALITY: ST. IGNATIUS LOYOLA AND POPE FRANCIS (3). Examines how The Spiritual Exercises developed by St. Ignatius of Loyola are intended to help one engage in an active experience with God and develop a set of values and principles that can promote social justice in our world today. The life and teachings of Pope Francis will be studied as an example of Jesuit Spirituality. Cross listing: RC 416.

## COMMUNICATION (COM)

COM 210. SPEECH COMMUNICATION (3). Provides an overview of the process of communication and introduces communication theory. Provides practical training in the fundamentals of effective presentation for individuals in both public speaking and group communication settings. Emphasizes discussion of contemporary issues and the analysis of public discourse.

COM 211. TECHNOLOGY-BASED PUBLIC SPEAKING (3). Provides knowledge and skills to lead others more effectively through presentational communication utilizing online technology and delivery frameworks. Includes developing more meaningful voice based on ethical communication, audience engagement and thoughtful responses to contemporary issues. NOTE: Requires a web camera and a live audience.

COM 215. INTERNET COMMUNICATION (3). Identifies the various levels and functions of communication as they apply to design and presentation of ideas in an environment mediated by digital technology. Students will demonstrate appropriate and effective messages based on audience analysis, desired outcomes and goals.

COM 310. INTERPERSONAL COMMUNICATION (3). Studies interpersonal aspects of communication. Introduces concepts and related skills that define communication in a variety of face-to-face contexts. Includes models of communication, language and meaning, nonverbal and verbal communication, perception, conflict and establishing positive human relationships via communication.

COM 382. UNDERSTANDING COMMUNICATION (3). Applies foundational ideas about communication to personal, social, and professional relations. Explores communication concepts that explain and predict everyday behaviors in relationships, groups, organizations and across generations, cultures and genders.

COM 400. INTERCULTURAL COMMUNICATION (3). Using readings, film, field experience and/or dialogue, the course investigates cultural identity, meaning, patterns, relationships and conflicts that arise as contact increases between people of different cultures in our global society. Prerequisite(s): COM 380. NOTE: Required for Media and Society emphases.

**COM 406. COMMUNICATION IN A TECHNOLOGICAL ENVIRONMENT (3).** Explores the impact of the computer culture on human communication. Identifies how the computer culture has changed communication, norms, expectations and language. Practices key competencies associated with communication interaction, including interpersonal, organizational and conflict communication. Prerequisite(s): COM 210 or equivalent.

**COM 407. LEADERSHIP PRINCIPLES (3).** Examines evolution of leadership from a theoretical perspective with a focus on contemporary leadership. Topics include: management versus leadership, gender differences, power and social influence, ethics and values, culture and the key communication competencies of leadership. Requires students to evaluate and enhance personal leadership skills and develop a personal model of leadership.

**COM 408. CONFLICT MANAGEMENT (3).** Prepares students to identify, avoid, or manage common types of conflicts within organizations. Presents communication styles and strategies for working through conflict.

**COM 409. CRITICAL MEDIA STUDIES (3).** Studies a variety of methods currently utilized for conducting a critical analysis of communication acts. Includes dramatism, semiotics, narrative theory, reader-oriented criticism, feminist criticism and others. Students apply one or more of these methods in developing and presenting critical analyses of discourses. Prerequisite(s): COM 380. NOTE: Required for Media and Society emphases.

**COM 410. STRATEGIC LEADERSHIP (3).** Explores strategic leadership through discussion of vision, mission and values. Examines how a clear, compelling vision can move individuals and organizations toward desired goals. Evaluates strategies that translate vision and mission into action.

**COM 412. CULTURAL INTELLIGENCE (3).** Develops culture competence skills required in today's global economy. Foundation to the theory and practice of cultural intelligence, which predicts adjustment and success in multicultural settings. Examines deep layers of culture, including core worldview assumptions.

**COM 416A. PRINCIPLES OF PUBLIC RELATIONS (3).** Studies the history, purpose and processes of public relations. Examines public relations tools and practices, ranging from preparing and conducting a public relations program, setting up a news conference, establishing and running a speaker bureau, designing and producing a brochure and editing an employee newsletter. Prerequisite(s): COM 380.

**COM 418. ORGANIZATIONAL COMMUNICATION (3).** Surveys contemporary organizational communication theories and practices. Investigates issues such as diversity, participation, technology, corporate ethics, the environment, and globalization.

**COM 420. MEDIATION (3).** Explores the communication process where a third party helps parties negotiate interest-based solutions to problems. Provides theoretical understanding and skill-based practice to develop skills that effective mediators must possess. Includes discussion of factors that contribute to successful mediation, such as the importance of context, overcoming obstacles, motivating parties, mediator roles, mediation processes, drafting agreements, and balancing of power.

**COM 427. COMMUNICATION ETHICS (3).** Explores theoretical and practical issues in the explanations of ethical options and decisions in relational, organizational, and mass communication contexts. Case studies, practical analysis, and current ethical dilemmas in communication are investigated from multiple theoretical perspectives.

**COM 437. PERSUASION, INFLUENCE AND MOTIVATION (3).** Examines the general theories that explain persuasion and one's ability to influence others. Discusses communication skills, attitudes and competencies associated with persuasion, influence and motivation. Enables students to learn and practice powerful persuasion communication skills that will enhance both personal and professional success.

**COM 442. LEADING CHANGE AND INNOVATION (3).** Explores effective communication strategies used by exemplary leaders to introduce and implement change and create an organizational environment that alleviates resistance to change and energizes and inspires others to innovate rather than react.

**COM 450. SERVICE LEADERSHIP (3).** Examines how leadership emerges through the collaborative efforts of concerned and committed citizens. Provides a look at leadership through community service.

**COM 452. FOLLOWER-CENTERED LEADERSHIP (3).** Follower-centered leaders focus on enhancing their followers' well-being. Provides an in-depth examination of key attributes associated with follower-centered leaders including empowering and developing people, humility, authenticity, interpersonal acceptance, providing direction, and stewardship.

**COM 466. NEGOTIATION (3).** Focuses on theory and application of distributive and integrative bargaining strategies. Emphasizes skills necessary to negotiate successfully in both private, interpersonal arena, and in organizational settings.

**COM 467. COMMUNICATING THROUGH SOCIAL MEDIA (3).** Explores different forms of social media and its influence on interpersonal and professional relationships. Examines the impact of social media on personal and group identity as well as relationship formation, maintenance, and intimacy.

**COM 470. DECISION MAKING AND PROBLEM SOLVING (3).** Examines involvement of stakeholders in decision processes, models for decision-making, decision tress, risk analysis, and issues associated with implementation of decisions.

**COM 472. PROFESSIONAL COMMUNICATION TOOLKIT (3).** Explores face-to-face and technological methods for successful interpersonal and task-related organizational communication and behavior in various contexts. Students develop critical thinking around a portfolio of communication knowledge and skills to enable them to demonstrate authentic and effective communication strategies. NOTE: Junior standing required.

**COM 480. FORGIVING OTHERS, FORGIVING OURSELVES (3).** Explores the nature and process of forgiveness in family, friends, and community. Cross listings: HU 480 and PY 480.

**COM 487E-W. COMMUNICATION TOPICS (3).** Examines selected topics in communication. Topics include international communication in addition to current trends and research in the field.

## CRIMINOLOGY (CR)

CR 350. INTRODUCTION TO CRIMINOLOGY (3). Analyzes social, political and economic forces that shape the nature, extent, and definitions of crime. Includes corporate and government crime; the relationship of racism, sexism and drugs with crime; and imprisonment.

CR 360. INTRODUCTION TO FORENSIC SCIENCE (3). Uses scientific method and thought process to think critically about the evidence of crime.

CR 370. CRIMINAL DEVIANCE (3). Study of criminal behavior from a psychosocial approach. Examines various criminological perspectives of criminal behavior as well as specific psychological, biological, and learning factors of those individuals disposed to commit crime.

CR 413. CRIME ANALYSIS (3). Provides an introduction to crime analysis including its components and history. Covers theory, data collection, crime mapping, crime disorder, problems in law enforcement, and career opportunities.

CR 425. PROFESSIONAL ETHICS IN CRIMINOLOGY (3). Investigates ethical issues concerning personal professional ethics, privileged communications, decision-making, use of statistical data, conflicting loyalties, competing social demands and other tensions specific to the criminal justice system.

CR 426. PSYCHOLOGY OF CRIME (3). Evaluating psychological explanations of crime; combining classic theory with new developments in eyewitness testimony, offender profiling and forensic psychology; topics: theoretical history of criminal psychology, interpersonal violence, sexual violence and deviancy, including major sociological theories.

CR 427. CRIMINAL PROFILING (3). Provides an introduction to the science of criminal investigative analysis which is the process of inferring distinctive personality characteristics of individuals responsible for committing criminal acts. Discussions include wider societal contexts and implications.

CR 428. YOUTH VIOLENCE AND DELINQUENCY (3). Examines youth violence, causal variables explaining these aberrant behaviors, the juvenile justice system that contends with this form of violence, and criminological and sociological theories that explain violent juvenile crimes.

CR 429. FAMILY VIOLENCE (3). Investigates issues associated with the use of aggression against household members, aggression that is against their will and detrimental to their physical, emotional, and psychological welfare. Addresses social impact of violence as well as prevention.

CR 430. SEXUAL HOMICIDE (3). Explores the psychological mind of sex crime perpetrators and murderers including formative influences, contexts of power, patterns, and motives. Uses case studies to probe into criminal enterprise, personal cause, group cause, and sexual homicides.

CR 434. VICTIMOLOGY (3). People experiencing a criminal victimization suffer to different degrees depending upon the gravity of the crime, but any victimization sets a chain of events in motion; Victimology will explore the entire landscape of criminal victimization.

CR 433. VIOLENCE IN THE WORKPLACE (3). Interdisciplinary examination of and practical approaches to prevention, intervention and dealing with the aftermath of violence in the workplace.

CR 445. HOMELAND SECURITY (3). Introduces and defines Homeland Security and the terminology and concepts used by professionals in the field. Identifies First Responders (i.e., FEMA, Secret Service, police departments, etc.) and the challenges and problems associated with each.

CR 446. PERSPECTIVES ON TERRORISM (3). Explores current and historical sociological, political, and religious climates, which contribute to acts of terrorism. Examines motivation, direction, funding, responses, impacts and consequences. Cross listing: GST 446.

CR 448. HOMELAND SECURITY: LEGAL AND ETHICAL ISSUES (3). Identifies emerging legal and ethical implementation issues associated with actions taken by response organizations and individuals within those organizations. Discusses new and emerging legislation.

CR 449. VULNERABILITY AND SECURITY (3). Explores theories and practices behind security and vulnerability assessments. Examines existing security practices and assessment models used in organizations. Identifies emerging security concerns and solutions, including monetary resources, to counter potential threats.

CR 451. JUVENILE DELINQUENCY (3). Investigates juvenile delinquency in the context of social and political authority, the operations of the criminal justice system, youth culture and youth subcultures, and related social issues. Presents various sociological theories of juvenile delinquency and examines various historical and contemporary manifestations of juvenile crime and deviance.

CR 457. ANIMAL EXPLORATION AND INTERNATIONAL LAW & ETHICS (3). Cutting-edge multidisciplinary course designed to acquaint students with contemporary and historical animal-ethics/rights issues, to think critically about controversial issues regarding the relationships between humans and other animals. Examines a wide variety of topics related to the law of animals, such as classes of animals (companion, exotic, domestic), torts (liability statutes, damages and valuation), criminal law (breeding regulations, legal vs. illegal breeding, animal cruelty), hoarding, entertainment regulations, dog fighting, the Human Slaughter Act, the Animal Welfare Act and the Endangered Species Act. Cross listing: GST 457.

CR 460. COMPUTER FORENSICS AND CYBERCRIME (3). Explores crimes committed using technology, including computers, cell phones, networks, and social media. Discussions will revolve around strategies for combating current and future cybercrime including relevant behavioral theories.

CR 473. DECISION-MAKING AND PROBLEM SOLVING IN CRIMINOLOGY (3). Examines decision-making models and their impact in criminal justice agencies, outcomes, and stakeholder satisfaction. Explores personal discretion, the role of organizational policies, political and social influences, and the implications of overly influential cohorts, and other professional organizations and citizens.

## EDUCATION (ED)

**ED 205. ADULT LEARNING (3).** Integrates key principles of adult learning theory, the Jesuit philosophy of academic excellence, and accelerated learning. Focuses on research skills and effective writing and oral communication. Introduces tools fostering critical thinking, development of community, diversity, leadership, and service.

## EDUCATION: ELEMENTARY (EDEL)

**EDEL 441. CHILD AND ADOLESCENT LITERATURE (3).** Studies genres of early childhood and adolescent literature. Emphasizes the history of this literature, analysis and evaluation of literary elements and discussion of the value issues raised in literary pieces. Includes the integration of literature in instruction.

**EDEL 439. EXPRESSIVE ARTS FOR ELEMENTARY EDUCATORS (3).** Analyzes the impact of the expressive arts in child development. Focus will be on expression of creativity through activities involving music, art, theater, movement and dramatic play. **NOTE:** Dual Language students only.

**EDEL 460. ELEMENTARY METHODS I (3-6).** Students apply teaching/learning theories related to reading/writing literacy, social studies, and expressive arts integrating technology and service learning. Students prepare, teach, and assess lessons/units for individuals, small groups, and whole classrooms at the primary level.

**EDEL 461. ELEMENTARY METHODS II (3-6).** Students apply teaching/learning theories related to math, science, health, and physical education integrating technology and service learning. Students prepare, teach, and assess lessons/units for individuals, small groups, and whole classrooms at the intermediate level.

## EDUCATION: CULTURALLY LINGUISTICALLY DIVERSE (EDES)

**EDES 403. CULTURAL COMPETENCE IN EDUCATION (3).** Examines the moral, political, and ethical contexts of teaching, focusing on issues pertaining to culturally and linguistically diverse education, special education, ethnicity, race, culture, language, religion, socioeconomic status (SES), exceptionality (ability/disability), gender identity, sexual orientation, and age. (Field Hours: 10).

## EDUCATION: FOUNDATIONAL

**EDFD 404. FOUNDATIONS OF TEACHING (3).** Introduces the art and science of teaching. Focuses on lesson planning, content knowledge, assessment, and instructional strategies. Introduction of Jesuit themes and the Regis mission as related to social justice.

**EDFD 405. PERSPECTIVES IN EDUCATION (3).** Enhances understanding of current educational research as related to learning environments, standards, Universal Design, and ethical practice. Studies schools as organizations within historical, cultural, political, and social context.

**EDFD 408. NEVADA SCHOOL LAW (3).** Focuses on legal rights, roles and responsibilities of educators in Nevada, emphasizing obligations to students, administrators, school boards and public.

Examines issues of school management, organization, finance, child abuse and neglect and violence in schools from the perspective of Nevada School Law.

**EDFD 411E-W. TOPICS IN EDUCATION (1-6).** Pursues specific topics in education focusing on student research, writing, and product development offered in Directed Study format.

**EDFD 420. EXCEPTIONAL CHILD IN THE REGULAR CLASSROOM (3).** Applies evidence based instructional strategies and assessments to meet the needs of every student. Examines current legislation and develops Universal Design planning. Develops ongoing connections with community, family, and school resources.

**EDFD 430. LIFESPAN DEVELOPMENT (3).** Addresses human developmental stages from the perspectives of major theories of development-cognitive, learning, humanistic, and psychoanalytic. Cross listing: PY 469.

**EDFD 431. EDUCATIONAL PSYCHOLOGY (3).** Addresses developmental psychology and learning theory in education. Examines current theories of educational psychological research. Emphasizes motivation, behaviorism, cognitive views of learning, personal development, brain-compatible learning, individual variation in learning, productive learning environments, classroom management, and assessments.

**EDFD 445. MATHEMATICS FOR EDUCATORS (3).** Emphasizes developing mathematically powerful teachers who understand a broad array of mathematical concepts and who are able to develop and deliver effective, challenging, and engaging mathematical curriculum across the content area.

**EDFD 448. DESIGNING INSTRUCTION FOR ALL LEARNERS (3).** Focuses on today's diverse learner. Addresses all aspects of the teaching and learning cycle including collaboration, planning, instruction, content, environment, assessment, and reflection.

**EDFD 470. THE EFFECTIVE CLASSROOM (3).** Explores the creation of a classroom that supports individual and collaborative learning. Considers current legislation related to management of techniques to ensure inclusive learning environments. Prerequisite(s): EDFD 402.

**EDFD 497. PROFESSIONALISM IN EDUCATION I (2).** Seminar that accompanies Student Teaching. Focuses on topics that are critical for the effective teacher with a global perspective: planning for instruction, ethical practices, creating a supportive classroom, leadership, and collaboration. **NOTE:** This course must be taken in the classroom format.

## EDUCATION: PROFESSIONAL SEQUENCE

**EDEC/EDEL/EDFA/EDSC 450. ASSESSMENT OF LEARNING (3).** The intent of this course is to provide information and means for future classroom teachers to assess student learning. Appropriate, practical and relevant assessment techniques and evaluation guidelines will be introduced and provided.

**EDEC/EDEL/EDFA/EDSC 490 AND EDFA 491. STUDENT TEACHING (10).** Requires work in a classroom full time (600 student contact hours) under the supervision of a licensed teacher of the same endorsement in an accredited school. Provides opportunity to observe, develop lessons, assess learning, and teach

large and small groups as well as individualized lessons. Student attends appropriate in-services or faculty meetings and become a part of the school community.

## EDUCATION: READING (EDRG)

**EDRG 444. TEACHING READING AND WRITING (3).** Provides students with an understanding of methods for teaching reading and writing. Emphasizes current methodologies, research-based instructional practices, and ongoing assessment. Understanding and application of the five essential components of comprehensive reading instruction is a primary expectation.

## EDUCATION: SECONDARY (EDSC)

**EDSC 461-469. SECONDARY METHODS (3).** Familiarizes student with new and traditional methods of teaching. Examines methods such as lecturing, individualization, cooperative grouping, Socratic seminars and journaling. Examines the curriculum and standards for topic as well as for lesson planning. Each course contains a practicum component.

**EDSC 461. SECONDARY METHODS IN BUSINESS (3).** Includes the curriculum and methods of teaching secondary business.

**EDSC 462. SECONDARY METHODS IN DRAMA (3).** Includes methods and strategies for teaching drama.

**EDSC 463. SECONDARY METHODS IN ENGLISH (3).** Includes methods and strategies for teaching drama.

**EDSC 465. SECONDARY METHODS IN FOREIGN LANGUAGE (3).** Includes methods and strategies for teaching a foreign language.

**EDSC 466. SECONDARY METHODS IN MATHEMATICS (3).** Includes the curriculum and methods of teaching secondary mathematics. Reviews daily/unit lesson design and requires research and analysis of new theories in the field of mathematics.

**EDSC 467. SECONDARY METHODS IN SCIENCE (3).** Includes methods and strategies for teaching science.

**EDSC 468. SECONDARY METHODS IN SOCIAL STUDIES (3).** Includes methods and strategies for teaching social studies.

**EDSC 469. SECONDARY METHODS IN SPEECH (3).** Includes methods and strategies for teaching speech.

## EDUCATION: SPECIAL EDUCATION (EDSP)

**EDSP 437. STUDENT TEACHING: AUTISM, SPECIAL EDUCATION (10).** Students will be in a school observing, assisting, planning, evaluating, conferring, and teaching under the supervision of a licensed teacher of autism and Regis University supervisor. Students will spend a minimum of 400 hours in the school fulfilling duties as a teacher in the area of endorsement sought by the teacher. NOTE: Pass/No Pass grading only.

**EDSP 443. MATHEMATICS FOR SPECIAL EDUCATORS (3).** Explores mathematical concepts for teaching exceptional students. Includes design of mathematical lessons and selection of mathematical curricula to meet individual needs of students with moderate and severe needs. Field experience required.

**EDSP 453. LANGUAGE AND LITERACY INSTRUCTION SPECIAL EDUCATION (3).** Language and literacy development using a variety of methods/curricula for teaching reading and language arts. Studies effective assessment, instruction and materials for special needs students. Prerequisite(s): EDSP 460 and all foundational course work. NOTE: 25 hour Practicum required.

**EDSP 460. METHODS FOR THE TYPICAL CLASSROOM (3).** Provides an overview of curriculum, teaching methods, and classroom management in the regular classroom. NOTE: Contains a practicum component.

**EDSP 461. EDUCATIONAL ASSESSMENT FOR SPECIAL EDUCATION (3).** Provides knowledge of special education intervention and evaluation processes. Emphasizes assessment techniques, diagnosis, interpretation, and application of evaluation. Prerequisite(s): EDSP 453 and EDSP 464 and EDSP 467 and completion of all foundational courses. NOTE: Contains a practicum component.

**EDSP 462. METHODS IN SPECIAL EDUCATION (3).** Examines teaching strategies, methods, curricula, and classroom management for special needs students. Emphasizes specialization, modification and/or adaptation of materials and curriculum as well as developing and teaching individualized instruction programs. NOTE: Requires theory knowledge and practicum experience.

**EDSP 464. BEHAVIORAL ANALYSIS AND INTERVENTION (3).** Analyzes student behavior and intervention strategies for disruptive actions. Addresses normal and problem classroom behaviors. Emphasizes learning strategies for working with special needs students. Prerequisite(s): Completion of all foundational and professional sequence courses. NOTE: Practicum component required.

**EDSP 465. CONSULTATION AND COLLABORATION SKILLS (3).** Emphasizes development of competencies in consultation and collaboration. Encourages the development of understanding and skills that enhance the teacher's ability to work with and communicate effectively with school personnel, paraprofessionals, and parents.

**EDSP 467. ADAPTIVE TECHNOLOGY (3).** Overview of adaptive technology and research for special needs students and challenges they face. Field experience with devices such as: screen text enlargers and reading systems, typing enhancers, alternative keyboards, voice recognition systems, wheelchairs, etc. required. Prerequisite(s): Completion of all foundational courses.

**EDSP 468. ASSESSMENT INTERVENTION AND PROGRAM PLANNING (3).** Assessment and program development for students with special needs. Emphasizes instruction and intervention providing students with the best learning environments in the least restrictive settings. Prerequisite(s): EDSP 453 and EDSP 461 and EDSP 464 and EDSP 467 plus completion of all foundational courses required. NOTE: Field experience includes elementary and secondary levels.

**EDSP 471. CHARACTERISTICS OF PUPILS WHO HAVE AUTISM (3).** Focuses on symptoms of autism in children, the tools used to diagnose autism, and strategies for supporting those around autistic children.

**EDSP 475. SPEECH AND LANGUAGE DEVELOPMENT (3).** Examines the process of language acquisition as well as addressing specific information about certain language disabilities.

**EDSP 478. METHODS AND STRATEGIES FOR TEACHING PUPILS WHO HAVE AUTISM (3).** Centers on diagnostic techniques, which provide the basis for instruction. Provides a variety of instructional techniques, information, and ideas for teaching K-12 autistic children.

**EDSP 492. STUDENT TEACHING: SPECIAL EDUCATION GENERALIST (10).** Student teaching practicum (600 hours) assessing, teaching, and program planning for children with special needs. Students choose one level (elementary or secondary) and must have practicum experience with school children with a variety of needs. Prerequisite(s): Majors only. Permission of Advisor required. Pass/No Pass Grading only.

## EDUCATION: INSTRUCTIONAL TECHNOLOGY (EDTC)

**EDTC 401. TECHNOLOGY FOR EDUCATORS (3).** Emphasizes use of technology as an integral element in curriculum and instruction development, classroom research, literary expression and product development. Examines issues of appropriate usage, equipment management and communication from both student and teacher perspectives.

## ENGLISH (EN)

**EN 203. INTERMEDIATE COMPOSITION (3).** Studies expository writing. Concentrates on critical and argumentative essays of 500-1,000 words.

**EN 325. RESEARCH WRITING (3).** Explores all avenues of scholarly research available to liberal arts students including library, Internet, and primary resources. Focuses on research writing, correct style and citation requirements. Prerequisite(s): EN 203.

**EN 410. VOICES OF PEACE & NONVIOLENCE (3).** Explores the lives of various peacemakers in history through biography and film. Subjects include Jesus, Gandhi, and Martin Luther King Jr. A final Service Learning project contributes to peace-making efforts in the world. Cross listing: HU 405

**EN 434. VOICES OF WEALTH AND POVERTY (3).** Explores literature that focuses on issues of Social Justice in the United States and International cultures. Cross listing: HU 435.

**EN 437. PERSPECTIVES ON THE MEANING OF LIFE (3).** Examines issues of meaning, destiny, and human responsibility. Cross listing: PL 437 and RC 437.

**EN 475. BUSINESS WRITING (3).** Introduces strategies and styles used in preparing effective business communication including memoranda, letters, reports, and proposals. Examines issues related to proper composition, style, grammar, tone, electronic information, and physical presentation. Prerequisite(s): EN 203.

**EN 482. ELEMENTS OF SUCCESSFUL ARGUMENT (3).** Explores techniques of written rhetoric and oral debate. Cross listing: PL 482.

## GLOBAL STUDIES (GST)

**GST 446. PERSPECTIVES ON TERRORISM (3).** Explores current and historical sociological, political, and religious climates, which contribute to acts of terrorism. Examines motivation, direction, funding, responses, impacts and consequences. Cross listing: CR 446.

**GST 457. ANIMAL EXPLORATION AND INTERNATIONAL LAW & ETHICS (3).** Cutting-edge multidisciplinary course designed to acquaint students with contemporary and historical animal-ethics/rights issues, to think critically about controversial issues regarding the relationships between humans and other animals. Examines a wide variety of topics related to the law of animals, such as classes of animals (companion, exotic, domestic), torts (liability statutes, damages and valuation), criminal law (breeding regulations, legal vs. illegal breeding, animal cruelty), hoarding, entertainment regulations, dog fighting, the Human Slaughter Act, the Animal Welfare Act and the Endangered Species Act. Cross listing: CR 457.

## HISTORY (HS)

**HS 224. HISTORY OF THE UNITED STATES SINCE 1865 (3).** Studies the evolution of modern industrial United States from the end of the Civil War to the present.

**HS 240E-W. WESTERN CIVILIZATION (3).** Examines specified historical eras to gain a better understanding of political, geographical, and social history of life in the 21st century.

**HS 245E-W. UNITED STATES HISTORY (3).** Examines themes in United States History to gain a better understanding of political, geographical, and social history of life in the 21st century, becoming better citizens in the process.

**HS 402. THE IRISH IN AMERICA (3).** Examines the long history of Irish immigration to North America, focusing closely on the 147Scots-Irish148 experience, the Great Hunger, assimilation, and the rise of the Irish-Catholic.

**HS 450. CHRISTIANITY: AN EVOLVING MOVEMENT (3).** Exploration of the relationship between Christianity and culture, examining how it has been influenced and shaped by both internal forces (e.g. doctrinal debates) and external forces (e.g. cultural and contemporary issues). Cross listing: RC 450

**HS 408. LATIN AMERICA IN THE MODERN WORLD (3).** Explores the social, cultural, economics, and political history of Latin American and Caribbean nations since their formal independence from European colonialism, connecting this history to the 21<sup>st</sup> century world. Cross listing: HU 408.

**HS 456. JUDAISM: FAITH, HISTORY AND CULTURE (3).** Studies Judaic religious history and traditions, sacred scriptures, key historic figures, and contemporary issues facing the local and international Jewish community as well as its connection to and relationships with members of other faith communities. Cross listing: RC 458.

**HS 459. ISLAM: FAITH, HISTORY, AND CONTEMPORARY ISSUES (3).** Investigates an introduction to Islamic scripture, beliefs and practices alongside contemporary issues throughout the diverse Muslim world, including Sunni-Shi'a sectarianism, women

and gender, politics and conflict, and contemporary democratic movements. Cross listing: RC 459

HS 487E-W. THEMES IN HISTORICAL PERSPECTIVE (3). Focuses on various aspects of American and world history. Provides a perspective on the history of people and events in relation to social, political, and cultural influences.

## HUMANITIES (HU)

HU 366. LEADING LIVES THAT MATTER (3). Provides an opportunity to explore the question, "How ought we to live?" in light of educational and professional goals within the context of the Jesuit tradition.

HU 405. VOICES OF PEACE AND NONVIOLENCE (3). Explores the lives of various peacemakers in history through biography and film. Subjects include Jesus, Gandhi, and Martin Luther King Jr. A final Service Learning project contributes to peace-making efforts in the world. Cross listing: EN 410.

HU 408. LATIN AMERICA IN THE MODERN WORLD (3). Explores the social, cultural, economics, and political history of Latin American and Caribbean nations since their formal independence from European colonialism, connecting this history to the 21<sup>st</sup> century world. Cross listing: HS 408.

HU 421E-W. HUMANITIES IN CONTEMPORARY CULTURE (3). Examines modern culture topics in the Humanities including art, literature, architecture, film, music, painting sculpture, philosophy, and religion.

HU 435E-W. VOICES OF HUMANITY (3). Explores opinions, beliefs, and exhortations of human beings in various cultures through examination of art, literature, architecture, film, music, painting, sculpture, philosophy, and religion.

HU 474. ECOPSYCHOLOGY (3). Brings to light the mutual influences between human beings and the natural environment. Through the lenses of psychology and literature, students will explore topics such as the interdependence of humans with the natural world; the relationship between the environment, illness and well-being; psychosocial aspects of conservation; environmental identity. Cross-listing: PY 474.

HU 475. OUR COMMON HOME: RELIGION, ANIMALS, AND THE ENVIRONMENT (3). Comparative exploration of religious teachings with the aim of cultivating compassion and identifying our obligations to each other, the environment, and animals in an age of exploitation, climate change, and animal extinction. Cross-listing: RC 475.

HU 476. WEB OF LIFE: ENVIRONMENTAL ETHICS AND EVERYDAY LIVING (3). Investigates environmental ethical problems and draws on ethical theories to develop compassionate and sustainable solutions. Cross listing: PL 476.

HU 477. PRACTICUM IN ENVIRONMENTAL HUMANITIES (3). An experiential learning project that includes volunteer hours with an approved nonprofit that addresses environmental issues.

HU 480. FORGIVING OTHERS, FORGIVING OURSELVES (3). Explores the nature and process of forgiveness in family, friends, and community. Cross listings: COM 480 and PY 480.

## JESUIT WORLD WIDE LEARNING (JC)

JC 1000. BRIDGE TO LEARNING (0). This course is designed as an orientation to the Diploma in Liberal Studies. It will assist students in understanding how to work more effectively individually and with on-site and online groups. Students learn how to make academic arguments through online research and discussion.

JC 2003. ETHICS AND THE HUMAN PERSON (3). Two basic dimensions of philosophical investigation are inquiry into the nature and meaning of our being human (the philosophy of human nature) and inquiry into the right life and conduct of human being (ethics). The course undertakes these closely related investigations from a personalist perspective. What does it mean to be a person? In what ways does being a person guide moral conduct, especially within the practice of leadership.

JC 2005. WORLD RELIGIONS (3). Religion functions as a powerful force in the lives of individuals and their societies and is worthy of attention as individuals seek a better understanding of the world and the forces that help to shape it. The course is an opportunity to study what it means "to be human" in a variety of social and historical contexts from a religious studies perspective. The course covers the study of religion, Hinduism, Buddhism, Chinese spirituality (Confucianism and Taoism), Judaism, Christianity and Islam.

JC 2015. ACADEMIC WRITING (3). Students develop an effective process for moving from critical reading and thinking to critical writing. The course assignments integrate critical thinking, reading, and writing processes.

JC 2016. INTERPERSONAL COMMUNICATION (3). The course focuses on the elements of interpersonal communication and how individuals can better tell our stories. Students will explore verbal and non-verbal communication, communication domains, and conflict resolution and negotiation.

JC 2018. INTRODUCTION TO LEADERSHIP STUDIES (3). The course focuses on the elements of leadership and group dynamics. Students develop important skills, including perception, insight into causes of problems among individuals within group contexts, and understanding of the dynamics necessary for long-term problem solving. Students engage in the following questions: What do I want as a leader? What is required of me to be a leader? How will I lead?

JC 2020. DYNAMIC ALGEBRA (3). The course introduces algebra principles and procedures and applies techniques to model culturally relevant, real world phenomena. Topics include order of operations, properties and complex numbers, algebraic notation and operations, various types of equations and inequalities, and graphing functions.

JC 2025. INTERDISCIPLINARY ARTS (3). Interdisciplinary Arts is the study of connections among various art forms and genres within their respective historical context. Students will conduct intrinsic analyses to reveal internal necessities related to form, structure, and content, composing a work of art.

JC 2030. INTEGRATED SCIENCE (3). The course provides an overview of essential topics in physics and chemistry. . Prerequisite(s): JC 2020.



JC 2053. INTERPERSONAL COMMUNICATION FOR SOCIAL WORK (3). Developing a trusting and genuine relationship is fundamental to working with individuals, families, and communities. Students engage in building culturally sensitive communication skills and tools. The course includes training on basic interviewing, assessment, and appropriate documentation skills.

JC 2054. INTRODUCTION TO SOCIAL WORK (3). The course content covers the history, knowledge, skills, and values that guide the social work profession. Within a micro, mezzo, macro framework, students develop an understanding of the application of these theories of different size client systems and contexts. Students explore the various social work roles and systems where they work. The course also challenges students to recognize populations that have been historically oppressed in society, develops knowledge of social work ethics, and explores common ethical dilemmas and boundary issues that confront case managers in social work.

JC 2052. COMMUNITY PRACTICE AND ADVOCACY (3). The course endeavors to help students understand and develop awareness of social injustices in their environment, learn assessment tools, apply information collection techniques, and advocate to change the social conditions of that environment.

JC 2055. INTRODUCTION TO SOCIOLOGY (3). The course explores a variety of social issues through the lenses of major sociological perspectives: functionalism, conflict theory, and symbolic interactionism. The course includes basic historical data, sociological processes and concepts, and contemporary issues concerning various social constructions (e.g. race, ethnicity, social status, economic class) and social institutions (e.g., family/marriage, education, religion, economic systems) and their evolution over time and geographic space. The course will also challenge the students to compare and contrast sociological perspectives with commonplace views of society, to “question the obvious,” and to challenge their own assumptions and understandings of individuals, society and social reality.

JC 2056. INTRODUCTION TO POLITICAL THOUGHT (3). Political thought is an investigation into the nature, causes, and effects of good and bad government. Because government profoundly affects our lives, it is important that we understand the nature, causes, and effects of government. Topics explored in the course include: political authority, democracy, freedom and its limits, human rights, and justice. Students are introduced to the concept of feminist philosophy and the role of multiculturalism. Students will explore political thought as it affects us personally and globally. Students will explore peace and reconciliation on an academic level.

JC 2057. SOCIAL CASEWORK (3). The course presents the fundamental aspects of case management theory and models, including case management roles and processes and responsibilities in a multicultural context. Students become familiar with how case managers and clients interface with individual, group, and family systems. The course reviews different models for case assessments, goal settings, and contracting to develop action plans, including opening cases, writing case notes, following up and making referrals, as well as case monitoring and evaluation of services.

JC 2058. SPECIAL TOPICS IN SOCIAL WORK. (3). Students learn about common issues in the social work field and how to assess and respond to them. Using a multi-dimensional framework for assessment, students closely examine individuals within their environments to discover how the issue that they may be experiencing can affect all of the other systems in which they are involved.

JC 2061. INTRODUCTION TO BUSINESS (3). This is an introductory course in business, management and finance. It introduces the basic principles, concepts and theories of business and links them to applications via the use of case studies. The course covers the forms of business organization and entrepreneurship and the basic functions of business, which include human resource management, production and operations, marketing, finance and accounting. Since all organizations, including government departments, non-profits and foundations must also perform most of these functions; the course has broad applicability.

JC 2062. ORGANIZATIONAL MANAGEMENT AND BEHAVIOR (3). The course provides an introduction to how people are managed and organized at work. Managing people is one of the most challenging aspects of a manager's job since people, though creative, can be willful and unpredictable. Students explore the topics of motivation, interpersonal dynamics, conflict, teams, leadership, power, decision-making, organizational design and culture, and managing change and diversity.

JC 2070. PRINCIPLES OF MICROECONOMICS (3). The course incorporates current issues in microeconomics and international economics and provides opportunities for students to share information about economic issues within their own communities. Students will also reflect on their own economic business practices in terms of social impact and business ethics.

JC 2080. FOUNDATIONS OF EDUCATION (3). The course introduces the perspectives in education that are equitable for all learners globally. Topics include global competencies and standards, influential learning theories, sound educational models, and effective strategies for learners. Students not only review and research these four areas, they engage in and reflect upon assignments and projects that are useful and conducive to the environments where they reside.

JC 2081. EDUCATIONAL PSYCHOLOGY (3). At the heart of effective teaching is to understand the needs and desires of the learner. The course aims to define, describe, and summarize the essential constructs that make-up the profile of individual learners. This is accomplished through the intentional exploration into the work of educational theorists, aligned psychological theories, and educational practices essential to knowing the learner. The deeper and clearer understanding of learners needs and desires leads to effective teaching and enhanced learning.

JC 2082. EDUCATION AND CULTURE (3). The course focuses on examining learner's multiple identities, the lens through which they see the world, cultural diversity, inclusion of learners with disability, and the roles of men and women. It also provides opportunity for application of cross cultural research skills and strategies in the diverse contexts in which learners work and live.

**JC 2083. CREATING AND MANAGING LEARNING**

**ENVIRONMENTS (3).** The course focuses on the creation and facilitation of learning environments and explores the why, how, what, who, when and where of learning environments; optimal conditions of learning; lesson planning; classroom design and management; and designing a learning environment. Like previous courses in the education concentration, the intent of the course is to not only review best practices and research, but to also have students actively engage and reflect upon assignments and projects to improve learning environments where they reside.

**JC 2084. PRACTICAL APPLICATION OF TEACHING (3).** The course prepares students to teach in a classroom environment and provides practical execution of theories, strategies, frameworks, and foundational knowledge for the teaching profession. Students deliver a completed lesson plan and supporting components.

**JC 3005. INTRODUCTION TO ENTREPRENEURSHIP (3).** The course provides a framework of sustainable entrepreneurial thinking. Students build a strategic business plan that exhibits authentic engagement, collaboration, interest of stakeholders, investment of future consumption, and long-term sustainability. The course promotes creative development, invention and innovation skills.

**JC 3011. PRINCIPLES OF MARKETING (3).** The course is an overview of marketing principles and provides a survey of critical marketing concepts, language and tools. Product and brand management, pricing, integrated marketing communications, market research, and channel management frame the course content, which also takes into account the sustainability of the firm, the environment and human capital. Marketing strategies are assessed against the demands of competitor dynamics and customer satisfaction and loyalty.

**JC 3015. HUMAN RIGHTS AND WOMEN'S RIGHTS (3).** The course provides an anthropological overview of current human and women's rights topics through the lenses of the universalism vs. cultural relativism debate. Students first encounter human rights and women's rights laws and declarations through an overview of the Universal Declaration of Human Rights, CEDAW, and the Genocide Convention. Students also critically examine current topics including female genital mutilation, cultural criticisms, human trafficking, and polygamy.

## NATURAL SCIENCE (SCI)

**SCI 205E-W. NATURAL SCIENCE (3).** Focuses on the basic elements of the natural sciences to provide students with a broad understanding of various themes including Geology, Astronomy and basic Physics.

**SCI 206E-W. NATURAL SCIENCES LABORATORIES (1).** Involves laboratory exercises accompanying and reinforcing lecture topics.

**SCI 410E-W. ADVANCED SCIENCE (3).** Explores various scientific disciplines and practices, as well as the application of science in everyday life.

**SCI 411E-W. ADVANCED SCIENCE LABORATORIES (1).** Involves laboratory exercises accompanying and reinforcing lecture topics.

## PHILOSOPHY (PL)

**PL 225. THINKING CRITICALLY, LIVING CREATIVELY (3).** Explores critical thinking, problem solving, the structures and fallacies of argument, including ethical, legal, and scientific. (3).

**PL 250. INTRODUCTION TO PHILOSOPHY (3).** Conveys a sense of what philosophy has been and engages students in a philosophical reflection on perennial and contemporary issues. Emphasizes knowledge, freedom, value and society.

**PL 360. ETHICS (3).** Questions the foundation of ethical judgment. Examines key responses to this question and explores various issues (e.g., abortion, capital punishment and the socioeconomic order).

**PL 437. PERSPECTIVES ON THE MEANING OF LIFE (3).** Examines issues of meaning, destiny, and human responsibility. Cross listing: EN 437 and RC 437.

**PL 476. WEB OF LIFE: ENVIRONMENTAL ETHICS AND EVERYDAY LIVING (3).** Investigates environmental ethical problems and draws on ethical theories to develop compassionate and sustainable solutions. Cross listing: HU 476.

**PL 482. ELEMENTS OF SUCCESSFUL ARGUMENT (3).** Explores techniques of written rhetoric and oral debate. Cross listing: EN 482.

**PL 485E-W. THEMES IN RELIGION AND PHILOSOPHY (3).** Examines aspects of philosophical thinking about religion. Includes philosophy of God, belief and unbelief and phenomenological approaches to religion. Prerequisite(s): PL 250. Cross listing: RC 412E-W.

## PSYCHOLOGY (PY)

**PY 250. GENERAL PSYCHOLOGY (3).** Introduces the science of behavior and mental processes through a systematic study of representative areas of psychology.

**PY 221. TRANSFORMING THE JOURNEY (3).** Explores methods for achieving academic success including: developing growth mindset for resiliency, finding work/school/life balance, motivation, goal setting, academic study skills, techniques for time and stress management, learning styles, and college community engagement. NOTE: Course fee required.

**PY 414. POSITIVE PSYCHOLOGY (3).** Examines theories and research used to understand and improve psychological well-being. Analyzes topics such as happiness, gratitude, character strengths and the broaden and build model of positive emotion. Prerequisite(s): PY 250.

**PY 415. HEALTH PSYCHOLOGY (3).** Focuses on the relationship between psychological processes and physical health. Emphasizes the biopsychosocial model, health promoting and risk-taking behaviors, and the development of and adherence to health behavior intervention programs. Prerequisite(s): PY 250.

**PY 416. UNDERSTANDING TRAUMA AND PTSD (3).** Investigates the development of posttraumatic stress disorder (PTSD) and other trauma-related syndromes. Analyzes research on the psychophysiological effects of exposure to traumatic life events, the impact of trauma on the family, and the differences in

PTSD and trauma-related syndromes across a variety of demographic and social contexts. Prerequisite(s): PY 250.

**PY 440. PROFESSIONAL ETHICS IN PSYCHOLOGY (3).** Provides an overview of pertinent issues related to ethics in the helping professions. Students formulate their own personal/professional ethics statements. Prerequisite(s): PY 250.

**PY 441. SOCIAL PSYCHOLOGY (3).** Studies social behavior including the social self; attribution theory; attitude formation and change; attraction, love and intimacy; aggression and altruism; and conformity and obedience. Prerequisite(s): PY 250.

**PY 444. THE FAMILY (3).** Provides a comparative analysis of marriages, families, and domestic groups. Examines varieties of family life and their effects on men, women, children, and other social institutions.

**PY 449. CHILD ABUSE AND NEGLECT (3).** Utilizes a social services perspective to research risk factors, warning signs, and classifications of child abuse. Familiarizes students with abuse reporting regulations and the processes that are implemented once an abuse incident is reported. Compares and contrasts various types of placements, advocacy and support programs. Prerequisite(s): PY 250.

**PY 454. COGNITIVE PSYCHOLOGY (3).** Focuses on psychological processes such as attention, memory, concept formation, problem solving and language. Examines current research data, theories and applications. Prerequisite(s): PY 250.

**PY 462. BEHAVIOR AND STRESS MANAGEMENT (3).** Examines current techniques in the treatment of behavioral and physiological problems. Includes stress management, relaxation therapy, biofeedback, desensitization, assertiveness training, cognitive therapies, modeling and other behavioral management techniques.

**PY 463. PSYCHOLOGY OF INTIMATE RELATIONSHIPS (3).** Explores the most recent information regarding the factors leading to the success or failure of intimate relationships.

**PY 464. ECOPSYCHOLOGY (3).** Brings to light the mutual influences between human beings and the natural environment. Through the lenses of psychology and literature, students will explore topics such as the interdependence of humans with the natural world; the relationship between the environment, illness and well-being; psychosocial aspects of conservation; environmental identity. Cross-listing: HU 474.

**PY 468. PSYCHOLOGY OF CHANGE (3).** Examines personal transformation focusing on cognitive, emotional, behavioral, and spiritual factors within the context of wellness. Incorporates instruction from various perspectives such as cognitive, existential, health, brain science, and forgiveness psychology. Critical thinking and self-guided strategies for overcoming life challenges are included.

**PY 469. LIFESPAN DEVELOPMENT (3).** Analyzes human developmental stages from the perspectives of major theories of development--cognitive, learning, humanistic and psychoanalytic.

**PY 470. PSYCHOLOGY OF PERSONALITY (3).** Studies theories of development and organization of personality including representative examples of classical and modern theories. Prerequisite(s): PY 250.

**PY 471. ABNORMAL PSYCHOLOGY (3).** Uses the biopsychosocial model as the basis for explaining the cause, understanding and treatment of mental disorders. Emphasizes common disorders encountered in clinical practice and specific criterion necessary for making a diagnosis. Prerequisite(s): PY 250.

**PY 476. THE THIRD ACT: ADULTHOOD AND THE LATER STAGES OF LIFE (3).** Examines the biological, cognitive and psychosocial factors associated with development from middle to late adulthood. Provides information on individual differences in the aging process, promotion of optimal functioning, and death and dying.

**PY 480. FORGIVING OTHERS, FORGIVING OURSELVES (3).** Explores the nature and process of forgiveness in family, friends, and community. Cross listings: COM 480 and HU 480.

**PY 481. BRAIN AND BEHAVIOR (3).** Examines relationships between activity of the nervous system, endocrine systems, and behavior. Topics include sensation, perception, consciousness, sexual behavior, eating and drinking, sleeping and dreaming, and learning. Prerequisite(s): PY 250.

**PY 491. PHILOSOPHY AND PSYCHOLOGY OF RELIGION (3).** Examines classical and contemporary issues in philosophy and psychology of religion. Cross-listing: PY 485F and RC 412F.

**PY 496E-W. SPECIAL TOPICS IN PSYCHOLOGY (3).** Studies selected topics in psychology through lecture presentation and research projects. Prerequisite(s): PY 250.

**PY 498E-W. INTERNSHIP IN PSYCHOLOGY (3).** Involves placement in a clinical or research agency for advanced psychology students. NOTE: Portfolio credit not available.

## PUBLIC SERVICE (PSVC)

**PSVC 410. US AND GLOBAL CIVIL SOCIETY (3).** Examines U.S./global civil society including its history, theory and role in local, regional and global social, economic and political contexts. Examines the cultural context of civil society development, human and civil rights, and contemporary trends.

**PSVC 420. CIVIL SOCIETY SYSTEMS (3).** Examines U.S./global systems of nonprofit/ nongovernmental organizations, including organizational theory, structure, governance, stewardship, voluntarism, and civic engagement. Economic and policy relationships between civil society organizations, government, and market sectors reviewed related global or community need.

**PSVC 430. US AND GLOBAL CIVIL SOCIETY (3).** Examines theory and practice of global philanthropy and funding, including social entrepreneurship and market-based approaches to meeting persistent needs. Discusses planning, implementation, and assessment of program impact. Prerequisite(s): PSVC 410 and PSVC 420.

**PSVC 440. LEADERSHIP IN CIVIL SOCIETY (3).** Identifies elements of leading and managing in nonprofit and non-governmental organizations, including U.S. and global legal designations. Examines roles and responsibilities of boards, executives, staff, and volunteers in strategic planning/programming, volunteer management, and evaluation. Prerequisite(s): PSVC 410 and PSVC 420.

## RELIGION AND CULTURE (RC)

RC 210. DISCERNMENT AND HUMAN DEVELOPMENT (3). Introduces the principles of self-reflection and discernment as taught in world cultures and religions, with special emphasis on Christian traditions.

RC 220A. WORLD RELIGIOUS TRADITIONS I (3). Introduces the basic concepts of Hinduism, Buddhism, Confucianism and Taoism, and their values and practices. Emphasizes enriching the Western mind and facilitating inter-cultural understanding.

RC 220B. WORLD RELIGIOUS TRADITIONS II (3). Surveys the basic concepts, values and practices of Judaism, Christianity and Islam. Compares religions, their beliefs, behaviors, and effect on individual outlooks and cultural interaction.

RC 400A. RELIGION AND CULTURE: KEY APPROACHES (3). Provides a historical introduction and explores key approaches to the study of religions.

RC 400B. RELIGION AND CULTURE: KEY TOPICS (3). Examines key topics in the study of religions (e.g. gender, new religious movements, mysticism and spirituality and myth and ritual) and religions in the modern world (e.g. politics, economics, environment, science, and media).

RC 400E-W. THEMES IN RELIGION AND CULTURE (3). Investigates the interrelation and interaction of religion as one aspect of human culture. Includes religion in America, Death and dying, and religious understandings of family life.

RC 409. JUSTICE AND PEACE (3). Studies issues of poverty, human rights, economic justice, war, and the environment from the perspective of religious values. Cross listing: CAS 409.

RC 410E-W. AMERICAN RELIGIOUS TRADITIONS (3). Focuses on the religious practices and beliefs of various ethnic and cultural groups which comprise religious communities in the United States.

RC 412E-W. THEMES IN RELIGION AND PHILOSOPHY (3). Examines some aspects of philosophical thinking about religion. Includes philosophy of God, belief and unbelief, and phenomenological approaches to religion. Prerequisite(s): PL 250. Cross listing: PL 485E-W.

RC 416. JESUIT SPIRITUALITY: ST. IGNATIUS LOYOLA AND POPE FRANCIS (3). Examines how The Spiritual Exercises developed by St. Ignatius of Loyola are intended to help one engage in an active experience with God and develop a set of values and principles that can promote social justice in our world today. The life and teachings of Pope Francis will be studied as an example of Jesuit Spirituality. Cross listing: CAS 416.

RC 421. MYTH, SYMBOLS AND CULTURE (3). Explores myths throughout the ages and reveals the universal nature of their cultural symbols. Learn how myths help us understand our ties to the past, the world today, and ourselves. Cross listing: HU 421.

RC 437. PERSPECTIVES ON THE MEANING OF LIFE (3). Examines issues of meaning, destiny, and human responsibility. Cross listing: EN 437 and PL 437.

RC 450. CHRISTIANITY: AN EVOLVING MOVEMENT (3). Exploration of the relationship between Christianity and culture, examining how it has been influenced and shaped by both internal

forces (e.g. doctrinal debates) and external forces (e.g. cultural and contemporary issues). Cross listing: HS 450.

RC 458. JUDAISM: FAITH, HISTORY AND CULTURE (3). Studies Judaic religious history and traditions, sacred scriptures, key historic figures, and contemporary issues facing the local and international Jewish community as well as its connection to and relationships with members of other faith perspectives. Cross listing: HS 456.

RC 459. ISLAM: FAITH, HISTORY, AND CONTEMPORARY ISSUES (3). Investigates an introduction to Islamic scripture, beliefs and practices alongside contemporary issues throughout the diverse Muslim world, including Sunni-Shi'a sectarianism, women and gender, politics and conflict, and contemporary democratic movements. Cross listing: HS 459.

RC 470E-W. ADULT SPIRITUALITY (3). Surveys major themes of theory and practice in spiritual life. Studies spirituality as it applies to contemporary themes.

RC 471. SPIRITUAL LIFE AND GROWTH (3). Drawing upon sacred literature and practices and the wisdom of spiritual experiences, students examine their relationship with the Sacred and their commitment to the human enterprise.

RC 475. OUR COMMON HOME: RELIGION, ANIMALS, AND THE ENVIRONMENT (3). Comparative exploration of religious teachings with the aim of cultivating compassion and identifying our obligations to each other, the environment, and animals in an age of exploitation, climate change, and animal extinction. Cross-listing: HU 475.

## RELIGIOUS STUDIES (RS)

RS 412. CATHOLIC LIFE AND THOUGHT (3). An exploration of post-Vatican Council II Catholic Christian belief and practice with emphasis on the foundations, historical forms and resources of the tradition and its development. Special attention will be given to topics of interest to adults. Cross listing: CAS 412.

RS 422. JESUS OF NAZARETH (3). Studies the significance of Jesus of Nazareth's life and message in the context of his historical existence, and the faith traditions of Christian peoples.

## SOCIOLOGY (SO)

SO 200. INTRODUCTION TO SOCIOLOGY (3). Studies sociological perspectives, focusing on social groups and social interaction. Presents basic sociological terms and concepts, and examines a variety of social institutions and processes.

SO 201. WORLD ECONOMIC ISSUES (3). Introduces the structure and process of world economic interaction and develops an understanding of the concepts and methods used to analyze world economic issues and problems. Students assess issues and ethical problems surrounding global economics and the growing interdependence of the contemporary world.

SO 204. INTRODUCTION TO CULTURAL ANTHROPOLOGY (3). Introduces the methods and theory of cultural anthropology through a theoretical and comparative examination of the role of culture in human life. Includes the study of other cultures and field research on contemporary United States culture.

**SO 341. COMPARATIVE FOREIGN POLICY (3).** Examines different patterns of political development, change, and power relationships in contemporary nation-states. Introduces tools, theories and concepts to analyze sources of the domestic political environment (national priorities and objectives, policy-making processes, individual policy-makers), international factors, and future challenges.

**SO 432. URBAN STUDIES (3).** Focuses on urbanization, why cities exist, how they develop and how they affect individuals and social relationships.

**SO 435. POVERTY, RACE, GENDER AND SOCIAL CONFLICT (3).** Studies issues dealing with residential mobility and housing, the working poor, welfare, discrimination, and other social structures which may underpin the perpetuation of social conflict.

**SO 462. ISSUES IN SUSTAINABILITY (3).** Introduction to the fundamental sustainability of critical social ecosystems, how they function, how humans shape them, and how they shape humans. Covers how societies endure the challenges of immense global changes, ecosystem degradation in the form of unrestrained population growth, limited energy, agricultural and water resources, and the effects of international economies, social policies, ethical dictates, and cultural histories.

**SO 469E-W. CONTEMPORARY CULTURES (3).** Provides a comparative analysis of modern cultures and regions, emphasizing processes of social change.

**SO 472. WEALTH AND POWER (3).** Provides a comparative examination of political and economic institutions, the groups that dominate these institutions, the means by which they exercise power and challenges to the exercise of power.

**SO 496E-W. TOPICS IN SOCIOLOGY (3).** Offers selected topics including sociology of medicine, community and urban studies.

**SO 498N-W. INTERNSHIP IN SOCIOLOGY (3)** Provides an intensive work experience appropriate to the sociology discipline. Prerequisite(s): Approval of Department Chair. NOTE: Portfolio credit not available.

## GRADUATE

### ADULT EDUCATION AND TRAINING

**ADET 602. SURVEY OF ADULT EDUCATION AND TRAINING (3).** Provides an overview of adult education and training and an orientation to graduate work and research, life in an e-learning community, and Regis University's core values and learning outcomes.

**ADET 604. THEORY OF ADULT EDUCATION AND TRAINING (3).** Explores adult learning theory that informs the field of adult education and training today. Considers the global nature of adult education and studies the historical, philosophical, and sociological foundations. Prerequisite(s): ADET 602 or permission of instructor.

**ADET 606. RESEARCH METHODS AND INQUIRY I (3).** Explores the role of scholarly and action research focusing on finding, interpreting and evaluating research for practical application.

Knowledge gained in the course will prepare students for program assignments and professional writing. Prerequisite(s): ADET 604 or permission of instructor.

**ADET 612. TRAINING AND DEVELOPMENT FOR A GLOBAL WORKFORCE (3).** Examines ways in which economic, social, multigenerational and political issues transform adult education and training and how these issues influence learning theory applied to creating education and training programs for a global workforce. Prerequisite(s): ADET 606 or permission of instructor.

**ADET 614. PROGRAM PLANNING FOR SUSTAINABLE LEARNING (3).** Uses a collaborative approach to analyze planning models, adult learner characteristics, and learning contexts to develop programs designed with considerations for sustainability. Prerequisite(s): ADET 606 or permission of instructor.

**ADET 616. FACILITATING LEARNING IN THE 21st CENTURY (3).** Provides an in-depth understanding of facilitation techniques for workplace, community, and educational classrooms that occur face-to-face, virtually, or electronically. Learners design and facilitate instructional plans appropriate for their chosen career path. Prerequisite(s): ADET 606 or permission of instructor.

**ADET 622. THE ADULT EDUCATOR AS CHANGE AGENT (3).** Presents concepts of collaboration, shared decision making, and group processes to address the needs of a rapidly changing multi-generational workplace. Includes creation of educative practices. Prerequisite(s): ADET 606 or permission of instructor.

**ADET 624. ADULT EDUCATION LEADERSHIP (3).** Integrates leadership models, experiences, and theories into leadership practice. Learners articulate their own leadership philosophy, discuss practical strategies, and develop a professional development plan for their future growth as adult learning leaders. Prerequisite(s): ADET 606 or permission of instructor.

**ADET 632. FACILITATING LEARNING IN HIGHER EDUCATION (3).** Prepares instructors and those who support the educational process to create innovative learning experiences for today's adult learner. Learners review and apply the best evidence-based instructional practices to higher education learning environments. Prerequisite(s): ADET 612, ADET 614, and ADET 616 or permission of instructor.

**ADET 634. CONTEMPORARY CURRICULUM DESIGN (3).** Emerging curriculum design models based on andragogical principles and grounded in evidence-based practice are applied to various disciplines and learner populations. Learners develop a curriculum project for their career appropriate adult-education setting. Prerequisite(s): ADET 612, ADET 614, and ADET 616 or permission of instructor.

**ADET 636. LEADERSHIP IN HIGHER EDUCATION (3).** Examines the instructor role and how instructor leadership impacts today's college classroom. Learners examine leadership in a complex, global environment and assess their own leadership effectiveness as a role model in the classroom. Prerequisite(s): ADET 612, ADET 614, and ADET 616 or permission of instructor.

**ADET 693. APPLIED RESEARCH PROJECT (3).** Learners continue to develop and finalize their applied research project using their work from ADET 697. Final evidence includes a final written report, a journal of their experience, and an online poster presentation. Prerequisite(s): ADET 697 or permission of

instructor.

**ADET 697. RESEARCH METHODS AND INQUIRY II (3).**

Learners examine research methods and synthesize this knowledge to develop the first three chapters of their applied research project or thesis. Evidence will include a written report, a journal, and an online poster presentation. Prerequisite(s): ADET 612, ADET 614, ADET 616, ADET 622 and ADET 624 or permission of instructor.

**ADET 698. THESIS (3).** Learners continue to develop and finalize their applied research project using their work from ADET 697. Final evidence includes the written thesis, oral defense of the thesis, a journal of their experience, and an online poster presentation. Prerequisite(s): ADET 697 or permission of instructor.

## MASTER OF ARTS IN APPLIED SCIENCE (MAAS)

**MAAS 610. SCIENCE AND ENVIRONMENT (3).** Explores various aspects of the environment through scientific inquiry and application of scientific knowledge to understand and preserve natural resources.

## MASTER OF ARTS IN EDUCATION (MAE)

**MAE 605E-W. DISCOVERY YOUR OWN LITERACY (2).** The "Discover Your Own Literacy" series of the following five core courses provides primary basis of self-as-learner for the master's program. In order to promote the most effective learning possible in students, teachers must first understand the cognitive and affective processes, which create their own learning. The objective of these courses is to guide teachers in the exploration, discovery, and subsequent understanding of their own learning processes of language (including reading and writing), quantitative reasoning, multicultural perspectives, academic discourse, and artistic expression.

**MAE 605E. ARTS FOR LEARNING (2).** Participants explore and expand their literacies in the fine arts of music, art, poetry, creative drama, storytelling, and movement. Examines current research on brain based learning, creativity, and the role the arts play in effective teaching and learning. Participants will engage in activities, which utilize the fine arts as learning tools across the content areas.

**MAE 605M. MULTICULTURAL PERSPECTIVES (3).** Participants will reflect on their culture and the cultural perspectives of others, issues of social justice, and societal structures which impact the success of individual students and programs. Participants will address issues of discrimination and examine their own beliefs and how these impact their roles as educators. Participants will also investigate threads that tie diverse cultures together through literature.

**MAE 605N. NUMERACY WORKSHOP (2).** Explores numeracy emphasizing quantitative learning and the mathematics classroom environment. Based on current research, mathematics is explored as a natural thinking construct for learning and problem solving across all content areas.

**MAE 605S. SOCRATIC SEMINAR (2).** Explores ideas, values, and issues drawn from texts chosen for their richness in content and their ability to stimulate and sustain thoughtful discussion. Seminars are devoted to enlarging the participants understanding through close reading, attentive listening, clear expression, weighing evidence, exploring different views and analyzing logical arguments. Provides intensive practice designed to develop skills in seminar leadership.

**MAE 610. CONNECTING BELIEFS, THEORY AND PRACTICE (3).** Research and learning theories from constructivism and cognitive psychology are explored. Based on these studies and synthesis of content from throughout the program, participants develop personal beliefs, explore how these beliefs are supported by educational theorists and research, and demonstrate how their beliefs manifest in classroom practice.

**MAE 614. ACTION RESEARCH: FOUNDATIONS (3).** Participants develop research questions and design an action research study to investigate a relevant aspect of their practice. A formal research proposal is submitted to the Regis IRB and school district for approval. A literature review, synthesizing the current scholarly research on the topic will be completed.

**MAE 616. ACTION RESEARCH: APPLICATION (3).** Participants will implement research designs developed during MAE 614/615, collect and analyze data, write a formal research paper, and present findings to peers and the community. Prepares educators to investigate questions that arise from their own practice that supports quality teaching and learning. Prerequisite(s): MAE 614.

**MAE 621. CURRICULUM EVALUATION THEORY AND APPLICATION (3).** Students engage in the inquiry process to study and apply how concept-based curriculum, especially inquiry and constructivism, is developed in student-centered classrooms. Distinctions between adopting, adapting and creating curricula around the Colorado Academic Standard are examined. A variety of assessment and evaluation procedures are studied and applied as an integral part of curriculum design and instructional practice. Students design a concept-based, backward designed unit and a balanced assessment/evaluation plan for their classroom. As a central component of this course, students reflect upon the effect on student learning as the learning in this course is applied in their classrooms.

**MAE 640F. LEADING INSTRUCTION AND REFLECTIVE PRACTICE (3).** Provides a deeper understanding of instructional practices, and extends knowledge in order to lead work around student learning. Covers how to develop academic rigor, increase student achievement and ways to differentiate. Common Core Standards are unpacked. Includes topics related to current reform measures.

**MAE 640I. LEADING PROFESSIONAL LEARNING (3).** Discusses how to effectively plan and facilitate quality professional learning in schools/districts. Through research and adult learning theory application, covers how to advance and support critical reflection to improve student learning. Emphasizes professional learning that is team-based, job-embedded and aligns with Colorado Teacher Quality Standards.

**MAE 640J. LEADING COLLABORATIVE CULTURES (3).** Provides educators with the skills needed to help foster an environment of collaboration within a larger setting. Analyzes the components necessary for establishing a culture of collective responsibility,

advocacy, problem solving and decision making that benefit students, parents and colleagues.

**MAE 640K. LEADERSHIP FOR INCLUSION AND EQUITY (3).** Provides skills needed to create equitable and inclusive learning and working environments that emphasize respect for diverse backgrounds and perspectives. Identifies, promotes and facilitates differentiated professional learning, as well as fosters reflection upon culturally responsive teaching. Covers modeling, teaching, and advocating for equitable and ethical practices at all levels within the educational system: classroom, grade-level, school, district and state.

**MAE 640L. LEADING WITH DATA IN MIND (3).** Covers how to teach and support colleagues in the collection, analysis, and communication of student data to improve student learning, facilitate school improvement, and promote change. Through inquiry and collaboration, explores how to engage in trust-building, negotiation, and teamwork to advocate for professional learning and become effective change agents.

**MAE 640M. TEACHER LEADERSHIP PRACTICUM (3).** Covers how to teach and support colleagues in the collection, analysis, and communication of student data to improve student learning, facilitate school improvement, and promote change. Through inquiry and collaboration, explores how to engage in trust-building, negotiation, and teamwork to advocate for professional learning and become effective change agents. Includes training on the new teacher effectiveness evaluation process as well as how to promote meaningful change, provide effective feedback and influence educational policy.

**MAE 665E. TEACHING STRATEGIES FOR CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATORS (3).** Instructs participants in research-based methods and examines effective content-based instructional strategies for teaching English to CLD learners. Participants will adapt curriculum materials and learn differentiation techniques. Constructivist and sheltered teaching methodologies will be discussed and demonstrated.

**MAE 665G. LINGUISTICS I: LANGUAGE ACQUISITION (3).** Provides the participant with information concerning first and second language acquisition theory. Explores the structure and function of the English language including linguistics, applied linguistics, psycholinguistics, and sociolinguistics. Process learning will be explored and modeled.

**MAE 665H. FOUNDATIONS FOR CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATORS (3).** Provides an overview of the social, political, and historical contexts related to CLD learners in American schools. Philosophical and theoretical assumptions informing policy, programs and instructional practice for the CLD learner will be discussed. Strategies for collaboration with and advocacy for diverse students and their families will be explored.

**MAE 665I. ASSESSMENT FOR CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION (3).** Develops skills for design, evaluation and critique of a variety of formative and summative assessments for CLD learners. Participants will apply this learning through a case study and design of a differentiated assessment based on language proficiency level. Standards for English Language Proficiency will serve as a resource for this work. An overview of historical and legal implications as they apply to linguistically diverse learners will also be presented.

**MAE 665L. PRACTICUM FOR CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION (1-5).** This course and the support seminar are designed to support candidates in linking the theories learned in other coursework to actual practices. Under the direction of a mentor, candidates demonstrate their skills and knowledge to teaching linguistically diverse learners. Additional attributes which contribute to the success of linguistically diverse learners will be documented through professional development and community involvement activities. NOTE: Course is waived for practicing teachers, Pass/No Pass Grading only (60-300 hours).

**MAE 665P. LITERACY FOR CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION (3).** Teachers will develop reading literacy skills with a focus on differentiation for CLDE learners and will apply research-based reading strategies in their course of study. A plan for instruction and academic language supports will be developed using the teaching and learning cycle and process learning principles. The importance of family literacy is included.

**MAE 665R. LINGUISTICS II: FORM AND FUNCTION (3).** Explores English language grammatical structures and incorporates grammar explanations into sheltered lessons for K-12 CLD learners. Development of appropriate language objectives for language and content lessons will be emphasized. Prerequisite(s): MAE 665G.

**MAE 695E-H. LEARNING AND TEACHING SUPPORT SEMINAR (1).** Candidates share, discuss and journal learning connections between and among readings, courses, research, beliefs and classroom practices, including issues related to program expectations. Candidates have opportunities to visit classrooms to observe instructional practices related to their professional and academic goals. Pass/No Pass grading only. Students must meet MAE Program Student Expectations to successfully complete the Support Seminar and degree requirements.

**MAE 695M-P. LINGUISTICALLY DIVERSE SEMINAR (1).** Candidates work with a mentor to apply their developing understanding from program courses to their classroom practice. Candidates will explore learning connections integrating belief, theory and practice in preparation for the CAP Review as a part of this series of seminars.

**MAE 695S-T. TEACHER LEADERSHIP SUPPORT SEMINARS (1).** Students will work with their mentor to apply their learning from program courses to their leadership role, explore connections, and assist candidates to integrate belief, theory and practice in preparation for the CAP review. May be taken any semester of the program. Pass/No Pass grading only.

**MAE 699A. CULMINATING ACADEMIC PROGRAM (CAP) REVIEW (0).** Candidates are required to register for the Culminating Academic Program (CAP) Review the final semester of their respective programs. Candidates must have completed all course requirements prior to the Review semester. The purpose of the CAP Review is to provide a forum for prospective graduates to actively and creatively demonstrate their growth and changes as learners and educators. The CAP Review serves as a "comprehensive examination." Prerequisite(s): Approval of program director. Pass/No Pass grading only. CAP Review fee required.



## MASTER OF ARTS: CORE (MAPC)

**MAPC 601. GRADUATE TRANSFORMATION I : WRITING AND RESEARCH (3).** Explores strategies, methods and skills for locating and evaluating graduate research literature. Familiarizes students with specialized academic journals and literature within specializations. Explores graduate research methods, including qualitative and quantitative research paradigms.

**MAPC 602. ETHICS AND MULTICULTURALISM (3).** Focuses on multicultural ethics. Introduces ethical theories for analyzing ethical situations and for making ethical decisions within and across cultures. Explores role of ethics in various academic disciplines and professional fields. **NOTE:** MA Program students only.

**MAPC 603. GRADUATE TRANSFORMATION II : DIRECTION AND CONTEXT (3).** Includes attendance and participation in graduate seminars, preparation and presentation of graduate portfolio, degree planning, assessment of learning outcomes and documenting progress toward learning goals. **NOTE:** MA Program students only.

**MAPC 688. MA CAPSTONE PLANNING (3).** Explores a variety of research methodologies, capstone proposal design, and facilitation of strategies for assessment, analysis and synthesis. A proposal for a capstone project to thesis is to be submitted for faculty approval. **Prerequisite(s):** Permission of advisor required. **NOTE:** MA Program students only.

**MAPC 694. MA COMPREHENSIVES (3).** Students design discipline specific deep questions and write graduate level responses, integrating course work and research as necessary to provide a comprehensive response to each question. Questions include specific connections to the Regis mission.

**MAPC 696. MA CAPSTONE (3).** Demonstrates mastery of the student's declared and approved specialization. Projects may include applied research projects, services learning projects, internship projects or other capstone projects as approved by the faculty. **Prerequisite(s):** MAPC 688. Approval of Capstone Proposal required.

**MAPC 697A. MA THESIS A (3).** Thesis project part 1: focuses on the introduction, literature review, and explanation of the methods used in the student's thesis. **NOTE:** Approval of Thesis Proposal required.

**MAPC 697B. MA THESIS B (3).** Thesis project part 2: focuses on results, analysis, discussion and conclusions of the student's thesis.

## MASTER OF ARTS: FINE ARTS (MAFA)

**MAFA 605. EXPRESSIVE ARTS PRAXIS (3).** Examines theory and practice of the expressive arts in educational and studio settings, and analyzes these in relation to each student's fine arts specialization. Focuses on the etiology and development of art expression from individual and cultural perspectives.

**MAFA 606. ART HISTORY (3).** Integrates reports in discussions about the power and place of art through history. Includes research processes, art critique and analysis, integration of art, culture and history, common art themes and the ways they are expressed. Art History research required.

**MAFA 607. PHILOSOPHY OF ART (3).** Examines the nature and value of art and artistic activity. Aesthetics and major theories of art, artistic expression and artistic creation as a human universal are explored, through the media of visual arts, literature and music.

**MAFA 608. ADVANCED STUDIO I (3).** The course is a continuation of a guided investigation and studio experience to an advanced level (I, II, or III) and focusing on Exploring and demonstrating advanced artistic skills and techniques.

**MAFA 609. ADVANCED STUDIO II (3).** The course is a continuation of a guided investigation and studio experience to an advanced level and focusing on the continued and further investigation, use, and defense of artistic choices in subject, form and content.

**MAFA 610. STUDIO AND CRITIQUE (3).** Focuses on delineation of an art problem or question to be explored visually during class in a selected medium. Explores the role of critique as a tool to enhance understanding and deepening of visual expression.

**MAFA 611. ADVANCED STUDIO III (3).** The course is a continuation of a guided investigation and studio experience to an advanced level and focusing on the continued and further development of a personal style and unique expressive "voice."

**MAFA 612. THE BUSINESS OF ART (3).** Examines the artist's search for authenticity through an examination of their art work and their artist and professional identity and brand. Student explores networking and courting an audience, and develops, evaluates and implements marketing strategies.

**MAFA 655. (3).** Examines creativity from a cross-cultural perspective. Explores creative expression as an essential element in the history of humankind, as well as an important developmental factor in the individual. Includes a survey of current psychological theories of creativity. **Cross listing:** MAPY 655.

## MASTER OF ARTS: GLOBAL STUDIES (GST)

**MAGS 640. TRANSNATIONAL CRIME (3).** Surveys and evaluates dominant trends in crime, i.e. organized crime, economic crime, cybercrime, terrorism, traffic in human beings, and drug dealing, from an economic and social-cultural context of globalization. Topics such as population migratory trends, transnational cooperation, and supranational policies will be discussed. **Prerequisite(s):** MSCR 604 or MSCR 605. **Cross listing:** MSCR 640.

**MAGS 657. ANIMAL EXPLORATION AND INTERNATIONAL LAW & ETHICS (3).** Cutting-edge multidisciplinary course designed to acquaint students with contemporary and historical animal-ethics/rights issues, to think critically about controversial issues regarding the relationships between humans and other animals. Examines a wide variety of topics related to the law of animals, such as classes of animals (companion, exotic, domestic), torts (liability statutes, damages and valuation), criminal law (breeding regulations, legal vs. illegal breeding, animal cruelty), hoarding, entertainment regulations, dog fighting, the Human Slaughter Act, the Animal Welfare Act and the Endangered Species Act.

## MASTER OF ARTS: HISTORY (MAHS)

**MAHS 610. HISTORIOGRAPHY (3).** This course analyzes the methodologies used for analyzing and investigating historical events, questions, and issues and provides guidance for preparing graduate papers based on research.

**MAHS 611. HISTORICAL GEOGRAPHY (3).** Analyzes the influences geography has had in shaping historical events of the United States and Europe.

## MASTER OF ARTS: LANGUAGE AND COMMUNICATION (MALC)

**MALC 605. THE WRITER'S VOICE (3).** Considers the presence and influences of the individual writer's voice in varied forms of writing from fiction, nonfiction, personal and political documents. Organizes around a series of issues concerning life and values related to our understanding of the self. Provides an intensive study of the individual approaches to literature chosen for their impact on the human imagination. Emphasizes selected figures and schools of thought.

**MALC 608. POETRY WRITING (3).** Provides an opportunity for self-expression through poetry. Introduces the ingredients that go into making a great poem. Students apply their poetic presence via reflection. Applies self-knowledge to develop the poet inside.

**MALC 609. CREATIVE STORYTELLING (3).** Introduces students to essential elements of creative storytelling. Examines examples of multiple media short stories. Develops an understanding of what make a good story and how to write a story using a mixed-media format.

**MALC 611. WRITING THE NOVEL (3).** Focuses on the incubation processes for starting to write a novel and carrying through with it. Students read local and national seminal novels and works on writing a novel, workshop their own fiction, as well as start and shape a novel.

**MALC 612. PLAYWRITING AND SCREENWRITING (3).** Explores and analyzes elements of playwriting and screenwriting using classic playwrights and screenwriters. Students conduct self-analysis to stimulate writing skills, construct storyboards, write a one-act play, and a screenplay for a short film.

**MALC 613. RELATIONAL DYNAMICS IN FAMILIES (3).** Examines communication and relationship patterns. Readings and discussion are combined with experiential activities focusing on the family system and its roles, power, stress and coping, conflict, marriage and family styles, and improving communication.

**MALC 615. WRITING THE NOVEL II (3).** Students continue the process of working on novels begun in MALC 611--Writing the Novel or continue working on novels of their own. Prerequisite(s): Substantial work on a novel already.

**MALC 616. WRITING THE SHORT STORY (3).** Focuses on understanding and writing short stories. Students will study seminal stories (and works on short-story writing) and, with the facilitator and classmates, complete exercises in the genre and workshop their own stories.

**MALC 618. PERSONAL ESSAY - ART OF THE "I" (3).** Examines the self as a source of literary exploration. with readings, exercises

and discussion, students will learn how to transform personal events and memories into universal experiences. Along the way, students will discover why this dynamic form has inspired everyone from E.B White to David Sedaris.

**MALC 619. THE LITERARY MEMOIR (3).** Explores how the material of remembered life can engage, enlighten and entertain. Includes an overview of approaches as well as critical reading, writing exercises and manuscript workshop.

**MALC 620. NEUROSCIENCE OF HUMAN RELATIONSHIPS (3).** Explores how our brains develop and change in response to our interpersonal relationships. Examines the basic of neuroscience related to communication, fear and conflict, emotions, love, attachment, empathy, and cooperation. . Cross listing: MAPY 608.

**MALC 621. ORGANIZATIONAL CONSULTING AND COACHING (3).** This course is designed to teach coaching and consulting methods. Skills include helping people find their strengths and expound on them, acting as a guide to bring out the best in people and teams. The course will discuss theories, application and ethical considerations.

**MALC 622. EMOTIONS IN COMMUNICATION & CONFLICT (3).** Draws on brain research to understand how emotions contribute to the development and escalation of conflict, as well as how professionals manage the communication of strong emotions during conflict. Cross listing: MAPY 611.

**MALC 623. PERSUASIVE COMMUNICATION (3).** Explore the practice of persuasion and rhetoric in interpersonal relationships, professional settings, sales and marketing, and the mass media. Emphasizes both theoretical explanations and practical application.

**MALC 624. SEMINAR IN NONVERBAL COMMUNICATION (3).** Examines communicative functions of nonverbal message behavior. Considers a variety of behavioral domains and interaction contexts from both theoretical and practical perspectives; includes discussion of visual rhetoric as used by the mass media.

**MALC 625. SEMINAR IN LEADERSHIP COMMUNICATION (3).** Through case studies and a review of current research, this course looks at the impact of communication, culture, gender, status, power, ethics, change, and technology on leadership and formulates strategies for effective and innovative leadership.

**MALC 626. GENDER ISSUES IN COMMUNICATION STYLES (3).** Explores the unique differences between male and female communication styles, and offers specific ways to integrate the best of both for mutual understanding and more effective and harmonious relationships.

**MALC 627. SEMINAR IN INTERCULTURAL COMMUNICATION (3).** This seminar examines the significance and applications of communication between cultures. Topics covered include cultural assumptions, conflict between cultures, race and gender issues, ethics, organizational training, and models for improving communication.

**MALC 628. ORGANIZATIONAL TRAINING AND DEVELOPMENT (3).** Examines the training and development process in organizations. Discusses the field of talent development and introduces fundamental principles of effective training. Student apply knowledge by creating and conducting a training session.

**MALC 629. SEMINAR IN INTERPERSONAL COMMUNICATION (3).** An interdisciplinary and cultural approach to the study of interpersonal communication. Examines communication across cultures, communication competencies, gender differences, power and language, and the impact of language on relationships.

**MALC 630. TECHNICAL COMMUNICATION: THEORY AND PRACTICE (3).** Provides an in-depth study of technical communication, with an emphasis on technical writing and editing. Critiques and applies technical communication theory, technical research methodology, and effective technical writing techniques. Emphasizes document and content for communication within government, scientific, industrial, and other agencies.

**MALC 631. COMMUNICATION AND TECHNOLOGY (3).** Introduces theories of technological communication. Communication will be explored in terms of online communities, social networking sites and knowledge management. Issues such as privacy, identity and collaboration will be discussed.

**MALC 633. QUALITATIVE RESEARCH METHODS IN SOCIAL SCIENCES (3).** An introductory course in qualitative research methods in communication. Covers ethnography, case study analysis, narrative analysis, and auto ethnography. Research tools include observation, interviewing, and analysis of material culture. Students will conduct a qualitative study. Cross-listing(s): MAPY 633.

**MALC 634. LEGAL DIMENSIONS OF TECHNICAL COMMUNICATION (3).** Focuses on the legal obligations in the technical communication profession. Analyzes, clarifies and defines obligations to the employer, the audience, and oneself. Includes such legal topics as: the basics of the United States and state legal systems, privacy, copyright and trademark laws, and defamation.

**MALC 635. POLITICAL CAMPAIGN COMMUNICATION (3).** Examines the rhetoric and strategy in presidential campaigns, beginning with presidential primaries and continuing through campaign rallies, convention, debates, and inauguration.

**MALC 637. COMMUNICATION MANAGEMENT (3).** Analyzes technical communication systems within organizations. Emphasizes information flow, internal and external audiences, and organization cultures. Includes analysis and application through case studies, theoretical implications and research methodologies.

**MALC 638. SEMINAR IN ORGANIZATIONAL COMMUNICATION (3).** Introduces issues that organization face when communicating internally and externally. Theories and practices of organization culture will be discussed with emerging concepts such as workplace bullying and emotional labor.

**MALC 639. GENERATIONAL COMMUNICATION (3).** Focuses on style, priorities, and need differences between the four generations currently involved in the workforce. Generates strategies for improving communication, motivating, and managing conflict between the generations.

**MALC 641. MEDIATION THEORY AND PRACTICE (3).** Examines the practice of mediation and skills employed to reach consensus among parties with divergent interests. Uses interactive simulations to explore methods to resolve disputes, with focus on ethics and impact of mediation on society.

**MALC 642. PRINCIPLES OF NEGOTIATION (3).** Focuses on the theory and processes of negotiation in a variety of settings.

Examines interested-based negotiation, and offer counter-offer models. Introduces multi-party negotiation. Includes exercises and role plays.

**MALC 643. FACILITATION THEORY AND PRACTICE (3).** Introduces the basic skills and knowledge to facilitate culturally diverse group interactions. Explores basic group facilitation skills, group dynamics, and the impact of prejudice and stereotyping on groups.

**MALC 644. ADVANCED MEDIATION (3).** Provides students with an opportunity to enhance their mediation skills and increase their knowledge about advanced mediation techniques. Through role plays and simulations, introduces more complex issues in mediation and builds mediation skills. Prerequisite(s): MALC 641.

**MALC 645. RESTORATIVE JUSTICE (3).** Compares and contrasts retributive and restorative paradigms. Surveys the roles of offender, victim, church, state, and community. Evaluates programs and crime prevention/intervention strategies. Examines family conferencing, sentencing circles, and victim-offender mediation.

**MALC 647. FAMILY MEDIATION (3).** Explores family mediation from the perspective of the psychology of marriage and family, systems theory, parenting, family dynamics, divorce and its effects on children and blended families - all set in our culturally diverse environment.

**MALC 649. MANAGING WORKPLACE CONFLICT (3).** Provides theoretical understanding about the sources and escalation of conflict in organizations. Emphasizes strategies for leaders for addressing the problems and for mediators in how the problems might be resolved.

**MALC 650. MANAGING GROUP BEHAVIOR (3).** Explores the sources and methods of managing conflict exhibited in group settings. Students will discuss factors such as group behavior, leadership, psychological climate, communication, conflict tactics, and problem solving strategies that promote conflict resolution.

**MALC 651. PSYCHOLOGY OF CONFLICT (3).** Students explore physiological, psychological, and sociological explanation about the emergence and escalation of conflict, sources of resistance, the need for retribution, expressions of power, face saving, judgmental bias, socio-emotional competence, and unresolved anger. Cross-listing(s): MAPY 623.

**MALC 652. LEADERSHIP DEVELOPMENT (3).** Provides students with leadership skills in adult training and development. Emphasizes interpersonal communication and focuses on the learning environment. Includes communication styles, motivation of individuals, work force diversity, and evolutions of group cultures. Introduces leadership theories and applications. The focus is on leadership development for communication consultants, adult educators, and trainers.

**MALC 653. CREATIVE WRITING (3).** The Creative Writing course is designed to introduce graduate students to fiction and nonfiction writing. This course helps students develop their skills, to discover their distinctive voices, and to give their creative work their undivided attention.

**MALC 654. DEVELOPING THE CHARACTER IN THE NOVEL (3).** Studies the various techniques used in creating and developing characters in a novel. Examines published novels, which have

characters readers can identify as authentic. Students create a portfolio of work.

**MALC 655. CREATIVE NONFICTION (3).** Focuses on reading masters of Creative Nonfiction and on producing student work in the personal essay, magazine-style essay, and memoir. Explores recent controversies concerning differences between fiction and nonfiction. NOTE: Graduate students only.

**MALC 656. TOPICS IN CREATIVE NONFICTION (3).** An in-depth survey/practicum of the forms, approaches and styles of fact-based literature, including narrative journalism, column writing, personal essay, memoir, flash nonfiction, lyric essay and collage.

**MALC 657. REVIEWING THE ARTS (3).** Through readings in classical and contemporary art, film, book, and theater reviews, and practice with the facilitator, students will become proficient in the art of reviewing and critiquing the arts.

**MALC 658. THE TRAVEL WRITER (3).** Uses a balance of lecture, exercise, work shopping from fellow students, and feedback from the instructor, this course will give students a good grounding in the basics of travel writing (as first-person memoir primarily for articles). The group will travel outside the classroom, possibly on an overnight trip, and will include a visit by a travel editor. Prerequisite(s): Creative Writing or Creative Non-fiction are recommended courses or experience in writing.

**MALC 659. INNOVATION AND ENTREPRENEURSHIP (3).** Examines the demographics and viability of creative and innovative endeavors. Identifies channels of communication available to reach targeted audiences. Students research and develop a comprehensive plan utilizing this information.

**MALC 660. THE GRAPHIC NOVELS (3).** Focuses on how to plot and format a graphic novel script and how to translate various elements of storytelling into ideas that can be conveyed visually.

**MALC 661. POETRY WORKSHOP (3).** Develops students' poetry writing skills and helps them learn to use a greater creative, critical and aesthetic understanding of their discipline in a workshop setting.

**MALC 662. PHENOMENOLOGY OF THE SELF (3).** Explores the phenomenological self, that is, the self as we experience it. Involves the examination of varieties of phenomenology developed by thinkers such as Husserl, Heidegger and Levinas.

**MALC 663. BRAIN AND SOCIAL DEVELOPMENT (3).** Drawing on research from psychology, explores the relationship between neural structures and process and the forming and maintenance of human relationships.

**MALC 664. EDITING NONFICTION (3).** Applied editing skills for any type of writing in both professional and personal settings. Includes areas in editing and writing careers, such as book and article publishing, scholarly publications, and journalistic and magazine settings.

**MALC 665. FORGIVENESS AND RECONCILIATION (3).** Examines the nature and process of forgiveness, why it is hard to forgive, the role of an apology, self-forgiveness, and facilitating forgiveness in others in both personal and work settings. Cross-listing(s): MAPY 628

**MALC 668. COMMUNICATION THROUGH SOCIAL MEDIA (3).** Explores different forms of social media and its influence on interpersonal and professional relationships. Examines the impact of social media on personal and group identity as well as relationship formation, maintenance and intimacy.

**MALC 669. COMMUNICATION AND CONFLICT IN RELATIONSHIPS (3).** Identifies the factors that produce good and bad relationships and explores strategies that can manage tensions and conflict in relationships. Considers work, family, and marriage relationships. Cross-listing(s): MAPY 669.

**MALC 670. FOLLOWER-CENTERED LEADERSHIP (3).** Follower-centered leaders focus on enhancing their followers' well-being. Provides an in-depth examination of key attributes associated with follower-centered leaders including empowering and developing people, humility, authenticity, interpersonal acceptance, providing direction, and stewardship.

**MALC 671. LEADERSHIP PRINCIPLES (3).** Examines evolution of leadership from a theoretical perspective with a focus on contemporary leadership. Topics include: management versus leadership, gender differences, power and social influence, ethics and values, culture and the key communication competencies of leadership. Requires students to evaluate and enhance personal leadership skills and develop a personal model of leadership.

## MASTER OF ARTS: LANGUAGE AND WRITING (MALW)

**MALW 605. CREATIVE WRITING (3).** Explores short fiction, creative nonfiction, and poetry. Study seminal works in the three genres, examining the elements of each, and have the opportunity to shape, develop and critique their own creative work.

**MALW 610. WRITING FICTION I (3).** Analyzes the elements of fiction (such as plot, character, setting, and theme) and enables students to practice and refine these elements in their own beginning novels, novellas, short stories and works of flash fiction.

**MALW 611. ADVANCED FICTION I (3).** Continues the guided study of the components of fiction as students develop and revise work begun in Writing Fiction (MALW 610) or in a substantial amount of work they have already done on their own.

**MALW 612. ADVANCED FICTION II (3).** Continues to analyze fictive forms (novels, short stories, flash fiction) and approaches, focusing on student specialization. Students will continue to craft their work into publishable manuscripts and/or collections to pitch to magazines, agents and publishers.

**MALW 615. CREATIVE NONFICTION (3).** An in-depth analysis of and practice with the forms, approaches and styles of fact-based or "life" literature, including narrative journalism, column writing, personal essay, memoir, flash nonfiction, lyric essay and collage.

**MALW 616. ADVANCED CREATIVE NONFICTION (3).** Continues to examine creative nonfiction forms and approaches, focusing on student specializations. Students will fashion their works into publishable manuscripts and/or collections to pitch to agents, magazines, and literary journals.

**MALW 620. POETRY WRITING (3).** Examines the elements of poetry including rhyme and meter and explores poetic forms such

as the villanelle, the sonnet and free verse. Students analyze great poems of the past and begin work of their own.

**MALW 621. ADVANCED POETRY (3).** Students continue the work begun in Poetry Writing (MALW 620) or develop poetry written on their own. They will complete new poems, analyze the new poems of others, and begin to fashion their own poems into manuscripts.

**MALW 625. PLAYWRITING AND SCREENWRITING (3).** Explores and analyzes elements of playwriting and screen writing such as beat, scene, act, and structure. Students create scene cards and storyboards and write a one-act play or a short screenplay.

**MALW 626. ADVANCED PLAYWRITING/ SCREENWRITING (3).** Students revise and refine plays and screenplays started in MALW 625, or continue work they have already begun on their own, with an eye toward manuscript submission and a polished production.

**MALW 630. LITERATURE I (3).** Examines traditional, modern, and contemporary literary criticism and theory, their practical applications in the interpretation applied to literary works, and their consequences for reading and writing about world literature before the 18<sup>th</sup> Century.

**MALW 631. LITERATURE II (3).** Expands on the study of literary criticism and theory from Literature I and their practical applications to works of world literature from the beginning of the 18<sup>th</sup> Century forward.

**MALW 635. WRITING AND RHETORIC (3).** Analyzes and creates writing outside the typical genres of fiction, nonfiction and poetry, such as composition (rhetoric), blogging, children's literature and arts reviewing. The course also focuses on teaching writing and rhetoric.

**MALW 640. THE BUSINESS OF WRITING (3).** Explores the business of being a writer: elements of magazine publication (such as researching applicable venues and writing query and cover letters); finding an agent if necessary; and publishing and marketing the book as product.

## MASTER OF ARTS: LIBERAL STUDIES (MLS)

**MLS 500. ESSENTIALS FOR GRADUATE LEVEL WRITING (3).** Develops writing proficiencies for producing credible written documents at the graduate level. Through frequent writing exercises with course consultant feedback, students learn to recognize common grammatical errors and to demonstrate precision, clarity, coherence and unity in writing. Students master the elements of academic writing, including presentation, expression, economy, precision, and documentation, and culminate this knowledge into a written graduate-level document. Cross listing: EDFD 500.

**MLS 501. CRITICAL THINKING AND GRADUATE WRITING (3).** Develops writing and critical thinking proficiencies for producing credible written documents at the graduate level. Students master the elements of academic writing including presentation, expression, economy, precision and documentation. This knowledge is culminated into a written graduate level document. Additionally the course focuses on applying critical thinking to problem solving and decision making.

## MASTER OF ARTS: PROGRAM (MAP)

**MAP 690E-W. MA INDIVIDUALIZED STUDY (3).** Provides an opportunity for faculty-directed individualized study in a field or topic as designated in the Degree Plan. The goals, content, and outcomes and assessments are to be proposed by the student and approved by the faculty prior to enrollment. Prerequisite(s): Permission of advisor required. NOTE: MA Program students only.

## MASTER OF ARTS: PHILOSOPHY (MAPL)

**MAPL 637. PERSPECTIVES ON THE MEANING OF LIFE (3).** Examines issues of meaning, destiny, and human responsibility.

**MAPL 676. WEB OF LIFE: ENVIRONMENTAL ETHICS AND EVERYDAY LIVING (3).** Investigates environmental ethical problems and draws on ethical theories to develop compassionate and sustainable solutions.

**MAPL 677. PRACTICUM IN ENVIRONMENTAL HUMANITIES (3).** An experiential learning project that includes volunteer hours with an approved nonprofit that addresses environmental issues. Cross listing: MARS 677.

## MASTER OF ARTS: PSYCHOLOGY (MAPY)

**MAPY 605. HUMAN GROWTH AND DEVELOPMENT (3).** Provides an advanced study of normal human development from infancy throughout the life span, emphasizing integration of theory and research appropriate to each life phase. Considers the impact of cultural variation on life phases.

**MAPY 606. SEMINAR IN THEORIES OF PERSONALITY (3).** Examines personality development from many theoretical orientations, including: psychodynamic, humanistic, existential, dispositional, and learning theory. Evaluates the impact of social variables, such as culture and gender and their contribution to personality development.

**MAPY 607. SEMINAR IN SOCIAL PSYCHOLOGY (3).** Covers major themes in the discipline of social psychology from an interdisciplinary perspective with an emphasis on practical professional application. Topics include social cognition; stereotyping and racism; aggression; attraction; persuasion; body image.

**MAPY 608. NEUROSCIENCE OF HUMAN RELATIONSHIPS (3).** Explores how our brains develop and change in response to our interpersonal relationships. Examines the basics of neuroscience related to communication, fear and conflict, emotions, love, attachment, empathy, and cooperation. Cross listing: MALC 620.

**MAPY 611. EMOTIONS IN COMMUNICATION & CONFLICT (3).** Draws on brain research to understand how emotions contribute to the development and escalation of conflict, as well as how professionals manage the communication of strong emotions during conflict. Cross-listing: MALC 622.

**MAPY 616. UNDERSTANDING TRAUMA AND PTSD (3).** Investigates the development of posttraumatic stress disorder (PTSD) and other trauma related syndromes. Analyzes research on the psychophysiological effects of exposure to traumatic life events, the impact on the family and the differences in PTSD and

trauma related syndromes across a variety of demographic and social contexts.

**MAPY 620. THE PSYCHOLOGY OF LEADERSHIP AND INNOVATION (3).** Analyzes the psychology of leadership and change in an innovation society. Conceptual tools and practical skills are utilized to examine psych/social models of leadership and to investigate how leaders can promote personal, organizational, and social change.

**MAPY 621. ADOLESCENT PSYCHOLOGY (3).** Systematic study of the major theories of adolescent growth and development. Focuses on current research regarding adolescents and the implications of the research.

**MAPY 622. CAREER COACHING (3).** Explores coaching roles and related coaching practices and competencies needed to assist clients in exploring career alternatives consistent with their passion, values, skills and practical needs. Course addresses the changing nature of careers/jobs in a global environment.

**MAPY 623. PSYCHOLOGY OF CONFLICT (3).** Explores physiological, psychological and sociological explanations about the emergence and escalation of conflict, sources of resistance, the need for retribution, expressions of power, face saving, judgmental bias, socio-emotional competence, and unresolved anger. Cross-listing(s): MALC 651.

**MAPY 624. SPORT AND HUMAN PERFORMANCE PSYCHOLOGY (3).** A comprehensive view of research, practice and consultation procedures. Explores how psychology and sport interact in the real world.

**MAPY 625 STRESS, COPING, AND WELL-BEING (3).** Focuses on the psychological process of stress, the physical connection between stress and health, and research on different coping interventions. Topics, including social support, chronic illness, and aging, are examined through research and personal experience. Students select one stress management technique to try for the duration of the course.

**MAPY 626. INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY (3).** Industrial and organizational psychology concepts and practices, such as personality-based job analysis, performance measures and leadership theories, will be examined. Includes critical evaluation of contemporary issues in the workplace.

**MAPY 627. STATISTICAL LITERACY FOR THE SOCIAL SCIENCES (3).** Focuses on interpreting the statistical results of published research as well as statistical program output. Discusses the importance and value of statistical literacy in the context of an increasingly patient-centered health care system.

**MAPY 628. FORGIVENESS AND RECONCILIATION (3).** Examines the nature and process of forgiveness, why it is hard to forgive, the role of an apology, self-forgiveness, and facilitating forgiveness in others in both personal and work settings. Cross-listing(s): MALC 665.

**MAPY 633. QUALITATIVE RESEARCH METHODS IN SOCIAL SCIENCES (3).** Introductory course in qualitative research methods in communication. Covers ethnography, case study analysis, narrative analysis, and auto ethnography. Research tools include observation, interviewing, and analysis of material culture.

Students will conduct a qualitative study. Cross-listing(s): MALC 633.

**MAPY 652. PSYCHOLOGY OF RELIGIOUS EXPERIENCE (3).** Examines and analyzes psychological perspectives on the religious experience, including human development, mystical experience, conversion, new movements and the personal spiritual experience. Explores major research trends regarding religious behavior, personality, and the spiritual experience.

**MAPY 653. JUNGIAN DREAMWORK (3).** Follows the individuation process through messages delivered from the unconscious and particularly through dreams. Examines Jung's psychology as applied to dream work.

**MAPY 654. PSYCHOLOGY OF WOMEN (3).** Examines and evaluates the psychology of women from several perspectives including developmental concepts, social and political issues, gender roles, and culture. Creates a forum for women's issues with special consideration toward counseling.

**MAPY 655. PSYCHOLOGY OF CREATIVITY (3).** Examines creativity from a cross-cultural perspective. Explores creative expression as an essential element in the history of humankind, as well as an important developmental factor in the individual. Includes a survey of current psychological theories of creativity. Cross listing: MAFA 655.

**MAPY 657. ENVIRONMENTAL PSYCHOLOGY (3).** Explores the relationships between humans and the physical environment. Focuses on theory, research, and application related to the field. Issues include environmental perception, effects of the environment on behavior, and the effects of behavior on the environment.

**MAPY 658. ADVANCED TOPICS IN PSYCHOLOGY (3).** Interdisciplinary seminar exploring contemporary issues in psychology through guided investigations and individual research. Explores a topic or research question, articulates a greater understanding of that work through research, discourse, and presentation.

**MAPY 659. COMPLEXITY INNOVATION AND FUTURE (3).** Examines complexity theories and their application towards innovating for the future. Provides the experiential and analytical study wherein the student learns to exercise innovative thinking and action by examining the basis of complexity.

**MAPY 660 APPLIED HEALTH PSYCHOLOGY (3).** Focuses on how social psychological theories and concepts can be applied to develop interventions, trainings, public service announcements, and/or classes that influence individual's health-related attitudes and behaviors.

**MAPY 662. LETTING GO: PSYCHOLOGICAL AND RELIGIOUS FACTORS AT THE END OF LIFE (3).** Focuses on the processes of death and dying from psychological, social, and religious perspectives. The student will analyze academic research as well as examine their own beliefs on death and dying. Cross-listing: MARS 662.

**MAPY 669. COMMUNICATION AND CONFLICT IN RELATIONSHIPS (3).** Identifies the factors that produce good and bad relationships and explores strategies that can manage tensions and conflict in relationships. Considers work, family, and marriage relationships. Cross-listing(s): MALC 669.

**MAPY 671. ABNORMAL PSYCHOLOGY (3).** Explores the biophysical model as the basis for explaining the cause, understanding and treatment of mental disorders. Emphasizes common disorders encountered in clinical practice and specific criteria necessary for making a diagnoses.

**MAPY 676. THE THIRD ACT: ADULTHOOD AND THE LATER STAGES OF LIFE (3).** Examines the biological, cognitive and psychosocial factors associated with development from middle to late adulthood. Provides information on individual differences in the aging process, promotion of optimal functioning, and death and dying.

## MASTER OF ARTS: RELIGIOUS STUDIES (MARS)

**MARS 600A. RELIGION AND CULTURE: KEY APPROACHES (3).** Provides a historical introduction and explores nine key approaches to the study of religions.

**MARS 600B. RELIGION AND CULTURE: KEY TOPICS (3).** Examines key topics in the study of religions (e.g. gender, new religious movements, mysticism and spirituality and myth and ritual) and religions in the modern world (e.g. politics, economics, environment, science and media). Prerequisite(s): MARS 600A.

**MARS 610. HEBREW BIBLE/TORAH (3).** Examines the literature of the Hebrew Bible (Torah). Students will read and discuss the Hebrew Bible (in English) using Jewish methodology of interpreting biblical writings while increasing the students awareness of the Jewish religious foundation.

**MARS 611. HISTORY OF CHRISTIAN THOUGHT (3).** Examines the history of Christian thought, surveying key Christian thinkers and significant developments from the church's inception to the present. Addresses major creeds, councils, and conversations of the Christian Church throughout history.

**MARS 622. JESUS OF NAZARETH (3).** Studies the significance of Jesus of Nazareth's life and message in the context of his historical existence, and the faith traditions of Christian peoples.

**MARS 625. INTRODUCTION TO KABBALAH (3).** Kabbalah (received tradition), a metaphorical tapestry of Jewish texts, practices, and ideas invites deep spiritual reflection. Students enter this tapestry, following the shape of its development and meaning.

**MARS 630. INTRODUCTION TO THE CATHOLIC TRADITION (3).** Introduction to basic Roman Catholic teaching for lay ministers and administrators. Topics include the Church's self-understanding, sources of Catholic belief, social justice, Canon Law, morality, liturgy and sacraments.

**MARS 631. APPLIED ROMAN CATHOLIC TEACHING AND TRADITION (3).** Focuses on Catholic teaching and tradition in contemporary parishes. Includes Canon Law, Sacramental Theology, Liturgy, Moral and Social Teaching and Tradition, Prayer and Spirituality, Ecumenism and Interfaith relationships, Church and State. Assists parishes in applying theological, ecclesial and nonprofit management skills. Prerequisite(s): MARS 630.

**MARS 650. CHRISTIANITY: AN EVOLVING MOVEMENT (3).** Exploration of the relationship between Christianity and culture, examining how it has been influenced and shaped by both internal

forces (e.g. doctrinal debates) and external forces (e.g. cultural and contemporary issues).

**MARS 658. JUDAISM (3).** Studies Judaic religious history and traditions, sacred scriptures, key historic figures, and contemporary issues facing the local and international Jewish community as well as its connection to and relationships with members of other faith perspectives.

**MARS 659. ISLAM, FAITH, HISTORY, AND CONTEMPORARY ISSUES (3).** Investigates and introduction to Islamic scripture, beliefs and practices alongside contemporary issues throughout the diverse Muslim world, including Sunni-Shi'a sectarianism, women and gender, politics and conflict, and contemporary democratic movements.

**MARS 661. INTERFAITH DIALOGUE (3).** Examines the influence of a faith tradition/practice on public and workplace discourse on a variety of topics. Explores the skills and techniques used by leaders of faith-based organizations to facilitate inter, intra, and secular-faith dialogue. Cross listing: MNM 661.

**MARS 662. LETTING GO: PSYCHOLOGICAL AND RELIGIOUS FACTORS AT THE END OF LIFE (3).** Focuses on the processes of death and dying from psychological, social, and religious perspectives. The student will analyze academic research as well as examine their own beliefs on death and dying. Cross-listing: MAPY 662.

**MARS 675. OUR COMMON HOME: RELIGION, ANIMALS, AND THE ENVIRONMENT (3).** Comparative exploration of religious teachings with the aim of cultivating compassion and identifying our obligations to each other, the environment, and animals in an age of exploitation, climate change, and animal extinction.

**MARS 677. PRACTICUM IN ENVIRONMENTAL HUMANITIES (3).** An experiential learning project that includes volunteer hours with an approved nonprofit that addresses environmental issues. Cross listing: MAPL 677.

**MARS 695E-W. IGNATIAN SCHOLARS COLLOQUIUM (3).** The Ignatian Scholars Colloquium enable learners to articulate Jesuit principles, pedagogy and mission and apply external mission learning (strategies and tools) into courses and disciplines within the College of Contemporary Liberal Studies.

## MASTER OF ARTS: SOCIAL SCIENCE (MASO)

**MASO 610. ISSUES IN SUSTAINABILITY (3).** Explores the main aspects of sustainability including environment, ethics, economics, and education. Utilizes systems thinking, scenario planning, and other innovative techniques in the application of sustainability to different disciplines, organizations and situations. Prerequisite(s): Graduate standing.

## MED: CURRICULUM INSTRUCTION (EDCI)

**EDCI 600. CURRICULUM FOUNDATIONS (3).** Provides foundational knowledge in the field of curriculum. Examines major philosophies on curriculum and explores the constructs of knowledge from which the philosophies derive.

**EDCI 601. LEADERSHIP AND COACHING FOR CURRICULUM, INSTRUCTION, AND ASSESSMENT (3).** Provides students with



tools to become multifaceted teacher leaders. Recognizing the constantly evolving nature of the teaching profession, students explore ways to support teachers in their continuous learning and improvement.

#### EDCI 602. CULTURALLY RESPONSIVE PEDAGOGY (3).

Examines the intricacies of individualized teaching strategies that place students' culture at the heart of all teaching. Examines how such an emphasis can lead to valuable learning experiences for all learners.

#### EDCI 604. CURRICULUM IMPLEMENTATION AND

EVALUATION (3). Focuses on the praxis of theory and practice in curriculum studies. Develops, implements and evaluates a curriculum in an authentic setting.

#### EDCI 605. TRANSFORMATIVE DATA AND ASSESSMENT (3).

Examines how teachers might use various data sources to inform their practice. Explores formative and summative methods, and demonstrates how standardized test data can inform both planning and instruction.

#### EDCI 609. CURRICULUM DESIGN IN CONTEXT (3). A

historical look at curriculum design, mindful of how the present rhetoric and norms in the US influence curriculum development. Addresses the theory and practice of curriculum design; balances personal philosophies with contemporary circumstances.

#### EDCI 610. CAPSTONE: ACTION RESEARCH IN CURRICULUM

(3). Combines theory and practice to create and implement a research-based curriculum project in an educational setting. This reflective practicum experience is the culminating course and will combine and apply knowledge gained from previous coursework.

### MED: ELEMENTARY (EDEL)

EDEL 660. NATURE AND PRACTICE OF LITERACY, EXPRESSIVE ARTS AND SOCIAL STUDIES (3). Explores theories of teaching literacy, social studies and expressive arts. Develops skill in research-based instructional techniques, strategies, and activities. Develops skills in planning integrated instruction and assessing student outcomes for diverse learners. Field hours required.

EDEL 661. ELEMENTARY METHODS II (3). Studies the theories of teaching math, science, health, and physical education. Provides opportunity for observing, helping, preparing and teaching lessons as well as for assessing learning. Includes working with students individually, in small groups, and with the whole classroom. Requires a practicum component.

EDEL 662. NATURE AND PRACTICE OF SCIENCE, HEALTH AND PHYSICAL EDUCATION (3). Explores theories of learning, conceptual knowledge, and instructional strategies for teaching and learning science, health and physical education. Develops skills in planning, implementing, and assessing student outcomes for diverse learners. Field hours required.

EDEL 663. NATURE AND PRACTICE OF ELEMENTARY MATHEMATICS (3). Explores theories of learning, conceptual knowledge, and instructional strategies relevant to teaching and learning mathematics. Additional emphasis on planning, implementing, assessing and reflecting on emerging practice.

#### EDEL 690. STUDENT TEACHING: ELEMENTARY (5-10).

Requires working in a classroom full time (300-600 student contact hours) under the supervision of a licensed teacher of the same endorsement in an accredited school. Provides opportunity to observe, develop lessons, assess learning, and teach large and small groups as well as individualized lessons. Attends appropriate in-services or faculty meetings and becomes a part of the school community.

### MED: CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION (EDES)

#### EDES 603. EQUITY, ETHICS AND SOCIAL JUSTICE IN

EDUCATION (3). Critically evaluates authentic teaching and learning processes, focusing on issues pertaining to culturally and linguistically diverse education, special education, ethnicity, race, culture, language, religion, socioeconomic status (SES), exceptionality (ability/disability), gender identity, sexual orientation, and age. (Field Hours: 15). Cross listing: EDSC603.

#### EDES 640. CULTURALLY AND LINGUISTICALLY DIVERSE

LEARNERS (3). Focuses on educational policy and practice impacting CLD learners. Examines inter-relationship of culture, language, and identity and how these influence learning. Emphasizes theories of language acquisition and effective CLD practices/strategies. Prerequisite(s): EDES 603, EDSP 620.

### MED: FOUNDATIONAL COURSES (EDFD)

#### EDFD 500. ESSENTIALS FOR GRADUATE LEVEL WRITING (3).

Develops writing proficiencies for producing credible written documents at the graduate level. Through frequent writing exercises with course consultant feedback, students learn to recognize common grammatical errors and to demonstrate precision, clarity, coherence and unity in writing. Students master the elements of academic writing, including presentation, expression, economy, precision, and documentation, and culminate this knowledge into a written graduate-level document. Cross listing: MLS 500.

#### EDFD 600. PHILOSOPHICAL FOUNDATIONS OF EDUCATION

(3). Traces the history of the development of educational theory. Investigates leading contemporary and classical philosophical perspectives and implications towards practical educational goals. Analyzes educational values and practices and strategies for educational change. Cross listing: MLS 654E.

EDFD 601. EDUCATIONAL FOUNDATIONS (3). Focuses on the foundations of education, teachers, and the law, and teaching as a profession. Also introduces Jesuit themes with an emphasis on service to others.

#### EDFD 603. MULTICULTURAL AND ETHICAL PERSPECTIVES IN

EDUCATION (3). Examines the broad range of cultural competence focusing on implications in education, including ethnicity, socioeconomic level and gender. Explores ethical issues in education and invites students to develop a personal ethical stance regarding education practice. Cross listing: MLS 654H.

#### EDFD 604. DIVERSITY ISSUES IN EDUCATION (3). Examines the

broad range of cultural changes taking place in K-12 education and the workplace. Focuses on implications for instruction training, including topics such as ethnicity, socioeconomic level, and gender.

**EDFD 610. CURRENT AND INTERDISCIPLINARY PERSPECTIVES IN EDUCATION (3).** Provides in-depth study of the role and social context of schooling from an interdisciplinary perspective. Focuses on current issues, research and implications for learning. Cross listing: MLS 654F.

**.EDFD 615. TRENDS AND ISSUES IN EDUCATION (3).** Focuses on current issues, research, and implications for learning in K-12 education. NOTE: Non-licensure students only.

**EDFD 620. TEACHING THE EXCEPTIONAL CHILD IN THE REGULAR CLASSROOM (3).** Examines those students with special needs including the gifted and talented and how to educate them in the regular classroom. Instructs how to identify various exceptionalities, legal standards, and modification and adaptations for learning.

**EDFD 630. EDUCATIONAL PSYCHOLOGY I (3).** Focuses on human learning, motivation, and development. Investigates the relationship between individual differences related to learners cognitive, linguistic, social, emotional, and physical development and instruction. Emphasizes use of instructional technology.

**EDFD 631. STUDENT DEVELOPMENT AND LEARNING (3).** Study of student development and learning, emphasizing applications to curriculum and methods in the classroom.

**EDFD 641. CHILDREN'S AND ADOLESCENT LITERATURE (3).** Studies the various genres of early childhood, children's and adolescent literature. Emphasizes the history of this literature, the analysis and evaluation of its literary elements and the discussion of the value issues raised in various literary pieces. Includes the integration of early childhood, children's and adolescent literature in instruction.

**EDFD 670. THE EFFECTIVE CLASSROOM (3).** Explores the classroom management and the development of an effective classroom. Emphasizes classroom setup, establishing rapport, setting routines and procedures, management techniques, and conditions of learning in the K-12 environment.

**EDFD 697. PROFESSIONALISM IN EDUCATION I (2).** Seminar that accompanies Student Teaching. Focuses on topics that are critical for the effective teacher with a global perspective: planning for instruction, ethical practices, creating a supportive classroom, leadership, and collaboration. NOTE: Initial licensure students only.

## **MED: GIFTED AND TALENTED (EDGT)**

**EDGT 604. CRITICAL ISSUES IN GIFTED AND TALENTED (3).** Investigates program evaluation and impact on student achievement. Includes assessment, leadership and stakeholders in educating the gifted learner. Examines the impact of local, state, national legislation as well as parent organizations. Prerequisite(s): EDGT 600.

## **MED: EDUCATIONAL LEADERSHIP (EDLS)**

**EDLS 643. CAPSTONE: EDUCATIONAL LEADERSHIP FOR INNOVATION AND CHANGE (3).** Students prepare an applied project to include goal setting, decision-making and analysis, and self-evaluation and reflection. The applied project will provide documentary evidence of standards-based learning in order to

quantify learning. Prerequisite(s): EDLS 670, EDLS 671, and EDLS 672.

**EDLS 660. FISCAL LEADERSHIP (3).** Development and management of a school budget is predicated on fiscally sound practices. Explores basic accounting and budgeting principles and fiscal management tools need to lead in an education setting.

**EDLS 661. HUMAN RESOURCES FOR EDUCATIONAL LEADERS (3).** Examines the nature and challenge of personnel management, including recruiting, hiring and supervision of staff.

**EDLS 662. INSTRUCTIONAL LEADERSHIP (3).** School leaders are required to understand the implications of the common core state standards on teaching, learning, and evaluation, including federal and state guidelines. Examines instructional practices and implications on student achievement.

**EDLS 670. INTRODUCTION TO EDUCATIONAL LEADERSHIP (3).** Using current literature and case studies, candidates will study a variety of styles and strategies of leadership. A basis for study in this course involves the process of school improvement and staff development.

**EDLS 671. INSTRUCTIONAL STRATEGIES (3).** Emphasizes instructional strategies focusing on how to teach, coach, and improve such techniques. Strong emphasis placed on strategies that have proven highly effective in this research.

**EDLS 672. PRINCIPLES OF ADULT LEARNING (3).** Understanding how Educators and adults change, the instructional leader can plan direct assistance, professional development, and curriculum development at a level to stimulate and support teacher effectiveness in expanding student learning and success.

**EDLS 681. PERSONNEL SELECTION AND SUPERVISION (3).** Provides a framework for evaluating teachers and supervising personnel for the benefit of student achievement. Candidates will learn policies, the laws and ethics of supervision as they relate to hiring and disciplining personnel. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 683. CASE STUDIES IN THE PRINCIPALSHIP (3).** Focuses on a variety of tools and strategies essential to successfully navigating building administration, including dealing with routine matters and non-routine issues. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 684. CURRICULUM DESIGN AND IMPLEMENTATION (3).** Provides a framework for defining and establishing a rationale for a curriculum, understanding the purposes which direct curriculum designing and implementation, and processes used to design and implement curriculum. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 685. PEER MENTORING AND SUPPORT (3).** Provides strategies to support the building leader in promoting professional growth and group dynamics while enhancing the performance of licensed and classified staff in an educational setting. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 687. MANAGING ASSESSMENT DATA (3).** Provides an in-depth study of assessment and evaluation to include assessment purposes and guiding principles, achievement targets, assessment methods, characteristics of effective assessment, evaluation,

feedback, and legal issues. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 688. SCHOOL FINANCE (3).** Examines the concepts and theories of public school finance and how schools acquire, spend, and account for resources. Highlights practical fiscal and business aspects of planning and developing a school budget. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 689. SCHOOL LAW (3).** This course focuses on an understanding of legal rationale and principles. Offers the optimal balance of case law, statutes, regulations, and commentary, providing knowledge of the law and useful guidance in understanding the meaning and application of the law in schools.

**EDLS 690. SCHOOL STRATEGY AND SUSTAINABILITY (3).** Examines the forces shaping the education environment and the fundamental strategic choices leaders make that influence school performance including processes for the development and articulation of vision and mission.

**EDLS 692. COMMUNITY AND COMMUNICATIONS LEADERSHIP (3).** Examines ethical dilemmas in education leadership and the decision making processes involved. Topics are analyzed to develop competence in moral reflection and ethical decision making considering professional and societal values.

**EDLS 693. PRINCIPALS, POWER, AND POLITICS (3).** Principals need to understand how to play politics and use their power ethically and correctly. Learners will study what power is within an organizational context, political skills involved in leading, and their own political mindscape.

**EDLS 694. EDUCATION POLICY AND ORGANIZATION LEADERSHIP (3).** Examines educational policy debates and reform efforts at both the federal and state levels and issues such as teacher policy and leadership, teachers unions, and recent efforts to reform schools in major American cities.

**EDLS 695E-W. INTERNSHIP: SCHOOL PRINCIPAL (1-6).** Provides on-site experience and direct practice in the everyday issues of the principalship. Prerequisite(s): EDLS 670, EDLS 671 and EDLS 672.

**EDLS 696. ETHICAL AND REFLECTIVE LEADERSHIP (3).** Analyzes the forces shaping the education environment and the fundamental strategic choices leaders make that influence school performance including processes for the development and articulation of vision and mission.

**EDLS 697. DATA LITERACY AND ASSESSMENT (3).** Data driven decision making is a foundational component for planning strategically toward improved achievement. Learners will apply statistical understandings using data analysis and evaluation to become key decision makers, planners, and communicators.

## MED: READING (EDRG)

**EDRG 602. READING AND WRITING CONNECTIONS (3).** Studies the reading and writing connection, different models of literacy process development, and how to teach in an integrated approach. NOTE: Field experience component included.

**EDRG 603. EMERGENT LITERACY (3).** Studies the young learner as he or she learns to read and write. Emphasizes early learning

strategies and developmental theory. NOTE: Field experience included.

**EDRG 604. LITERACY FOR THE DIVERSE LEARNER (3).** Examines current research and strategies for teaching diverse learners who are multi-lingual, multi-cultural, or come from a disadvantaged environment. Also includes information on strategies for students with special needs. NOTE: Field experience included. NOTE: Field experience included.

**EDRG 606. READING ASSESSMENT AND INTERVENTION (3).** Literacy assessment and diagnostic tools will be utilized and strategies for remediation implemented. Students will create clinic reports based on assessment experiences. Explores affective factors and current issues. Prerequisites: EDRG 603, EDRG 604 and EDRG 644 NOTE: Field experience included.

**EDRG 608. EVIDENCE-BASED READING TECHNIQUES (3).** Presents information on evidence-based, advanced techniques in reading instruction, assessment, and remediation. Topics such as state policies, specific disabilities, and program evaluation will also be addressed. Prerequisites: EDRG 603, EDRG 604, EDRG 606 and EDRG 644 or permission of instructor. NOTE: Field experience required.

**EDRG 635. READING STRATEGIES FOR SECONDARY STUDENTS (3).** Reviews basic literacy instructional practices to help all secondary learners in their content areas as well as age appropriate remediation strategies for struggling readers. Prerequisites: EDRG 602, EDRG 603 and EDRG 644. NOTE: Field experience included.

**EDRG 640. ORGANIZATION AND MANAGEMENT OF SCHOOL LITERACY PROGRAMS (3).** Prepares teachers, coaches, and reading specialists in the organization and management of school reading programs. Includes information on coaching roles and embedded staff development. Culminates in a capstone project. Prerequisite(s) EDRG 602, EDRG 603, EDRG 604, EDRG 606, EDRG 608, EDRG 635 and EDRG 644. NOTE: Field experience required.

**EDRG 644. TEACHING READING AND WRITING (3)** Provides graduate students with a variety of methods for teaching reading and writing. Uses current methodologies, research-based instructional practices, and ongoing assessment. Includes instruction and application of the five essential components of reading instruction. NOTE: Field experience required.

**EDRG 653. LITERACY FOR STUDENTS WITH SPECIAL NEEDS (3).** Focuses on research-based methods and curricula for teaching reading and writing to students with special learning needs. Emphasizes instructional assessment strategies, examines materials and modifications that are effective with special populations. NOTE: Field experience required.

**EDRG 694. PRACTICUM: READING TEACHER (3).** Immerses students in literacy leadership scenarios. Experiential involvement, reflection, and application of skills and concepts gleaned from previous classes will be emphasized. Prerequisites: EDRG 602, EDRG 603, EDRG 604, EDRG 606, EDRG 608, EDRG 635, EDRG 640, EDRG 644, EDRG 653. NOTE: Field Experience required.

**EDRG 695. PRACTICUM: READING SPECIALIST (3).** Provides a venue for experiential involvement in literacy instruction, issues, and programs. Reflection, evaluation, and application of skills and

concepts gleaned from previous classes will be emphasized.  
Prerequisites: EDRG 602, EDRG 603, EDRG 604, EDRG 606, EDRG 608, EDRG 635, EDRG 640, EDRG 644, EDRG 653.  
NOTE: Field Experience required.

EDRG 697. CAPSTONE PROJECT IN LITERACY (3). Students will review current research in the field of literacy to help them develop an applied project that improves teaching, intervention practices, curriculum, or the professional community.  
Prerequisite(s): EDRG 602, EDRG 603, EDRG 604, EDRG 606, EDRG 608, EDRG 635, EDRG 640, EDRG 644, and EDRG 653.

## MED: EDUCATIONAL RESEARCH (EDRS)

EDRS 600. EDUCATIONAL RESEARCH AND CRITICAL REFLECTION (3). Introduces fundamental concepts related to quantitative and qualitative educational research emphasizing teacher generated action research. Covers evaluation and engagement in educational research. Critical reflection as action research will be explored as well.

## MED: SECONDARY (EDSC)

EDSC 603. EQUITY, ETHICS AND SOCIAL JUSTICE IN EDUCATION (3). Critically evaluates authentic teaching and learning processes, focusing on issues pertaining to culturally and linguistically diverse education, special education, ethnicity, race, culture, language, religion, socioeconomic status (SES), exceptionality (ability/disability), gender identity, sexual orientation, and age. (Field Hours: 15). Cross listing: EDES 603.

EDSC 652. READING AND WRITING IN THE CONTENT AREA (3). Introduces general information about the reading process and the methodologies used in the teaching of reading and writing at the secondary level. Focuses on the concept of content reading and on the writing process. Familiarizes student with how teachers teach their students to effectively learn from expository text. Provides knowledge about some of the newer theories in content reading and writing as well as those proven to be effective. Meets the state requirement for reading for secondary and middle school teachers.

EDSC 661. SECONDARY METHODS IN BUSINESS (3). Studies the curriculum and methods of teaching secondary business. Provides opportunity to design lessons, both daily and unit, and have experience teaching them in the classroom. Requires student to be responsible for researching and analyzing new theories in the field of business and vocational education. Contains a practicum component.

EDSC 662. SECONDARY METHODS IN DRAMA (3). Studies methods and strategies for teaching drama. Familiarizes student with new and traditional methods of teaching drama. Examines the curriculum and standards for drama as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 663. SECONDARY METHODS IN ENGLISH (3). Studies methods and strategies for teaching English. Familiarizes student with new and traditional methods such as lecturing, individualization, cooperative grouping, Socratic seminars, journaling, and others. Examines the curriculum and standards for

English as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 665. SECONDARY METHODS IN FOREIGN LANGUAGE (3). Studies methods and strategies for teaching a foreign language. Familiarizes student with new and traditional methods such as lecturing, individualization, cooperative grouping, Socratic seminars, journaling, and others. Examines the curriculum and standards for a foreign language as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 666. SECONDARY METHODS IN MATH (3). Studies the curriculum and methods of teaching secondary mathematics. Provides opportunity to design lessons, both daily and unit, and have experience teaching them in the classroom. Includes researching and analyzing new theories in the field of mathematics. Contains a practicum component.

EDSC 667. SECONDARY METHODS IN SCIENCE (3). Studies methods and strategies for teaching science. Familiarizes student with new and traditional methods such as lecturing, individualization, cooperative grouping, Socratic seminars, journaling, and others. Examines the curriculum and standards for science as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 668. SECONDARY METHODS IN SOCIAL STUDIES (3). Studies methods and strategies for teaching social studies. Familiarizes student with new and traditional methods such as lecturing, individualization, cooperative grouping, Socratic seminars, journaling, and others. Examines the curriculum and standards for social studies as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 669. SECONDARY METHODS IN SPEECH (3). Studies methods and strategies for teaching speech. Familiarizes student with new and traditional methods such as lecturing, individualization, cooperative grouping, Socratic seminars, journaling, and others. Examines the curriculum and standards for speech as well as for planning lessons based upon the curriculum and standards. Contains a practicum component.

EDSC 690. STUDENT TEACHING: SECONDARY (5-10). Requires working in a classroom full time (300-600 student contact hours) under the supervision of a licensed teacher of the same endorsement in an accredited school. Provides opportunity to observe, develop lessons, assess learning, and teach large and small groups as well as individualized lessons. Attends appropriate in-services or faculty meetings and becomes a part of the school community.

## MED: SPECIAL EDUCATION (EDSP)

EDSP 605. FOUNDATIONS OF SPECIAL EDUCATION(3). Examines disabilities in schools and services, systems, and concepts associated; discusses legal, sociological, educational, political perspectives; provides information on State and Federal special education law; and issues and trends related to exceptionality.

EDSP 610. TRANSITION AND SECONDARY SERVICES (3). Prepares educators to work with students with disabilities to be

successful in education, employment, and independent living after completion of high school.

**EDSP 620. UNIVERSAL DESIGN FOR LEARNING: A FRAMEWORK FOR TEACHING AND LEARNING (3).** Provides the foundational knowledge and skill to design, create, and provide lessons that ensure the engagement and participation of varied learners within a high standard based curriculum.

**EDSP 630. LANGUAGE DEVELOPMENT AND YOUNG CHILDREN WITH SPECIAL NEEDS (3).** Studies initiation and onset of spoken language, the development of verbal and nonverbal communicative skills as well as the receptive and expressive needs of young children with special needs. Focuses on developmentally appropriate approaches. Contains a practicum component.

**EDSP 644. MATHEMATIC INTERVENTIONS FOR CHILDREN WITH SPECIAL NEEDS (3).** Focuses on remediation and additional mathematic instruction for struggling students. Examines why children struggle with math concepts and how classroom climate, student learning style, and teacher activities all impact the struggling learner.

**EDSP 663. ASSESSMENT IN SPECIAL AND INCLUSIVE CLASSROOMS (3).** Facilitates the diagnostic practices needed to identify educational and behavioral needs, write measureable goals, develop appropriate interventions, and monitor student growth. Emphasizes IEP development from determining disability to documenting service delivery.

**EDSP 664. BEHAVIOR MANAGEMENT AND INTERVENTION (3).** Focuses on analyzing student behavior and intervention strategies for disruptive actions. Addresses normal behaviors as well as those that cause problems in the classroom. Focuses on students with moderate needs. Requires a practicum component.

**EDSP 665. CONSULTATION AND COLLABORATION SKILLS (3).** Emphasizes development of competencies in consultation and collaboration. Encourages the development of understanding and skills that enhance the teacher's ability to work with and communicate effectively with school personnel, paraprofessionals, and parents.

**EDSP 667. ADAPTIVE TECHNOLOGY (3).** Studies current research on adaptive technology as well as the challenges students with special needs face. Field component contains experience with some of the various devices such as: screen text enlargers, screen-reading systems, typing enhancers, alternative keyboard, voice recognition systems, and specialized wheelchairs.

**EDSP 670. METHODS AND STRATEGIES IN SPECIAL EDUCATION (3).** Focuses on the evaluation and use of evidence/research-based strategies in special education with an emphasis on data collection, interventions, and progress monitoring of a student within a practicum experience.

**EDSP 678. METHODS AND STRATEGIES FOR TEACHING PUPILS WHO HAVE AUTISM (3).** Centers on diagnostic techniques, which provide the basis for instruction. Provides a variety of instructional techniques, information, and ideas for teaching K-12 autistic children. Research-based strategies build on previous knowledge of special education techniques.

**EDSP 690. PRACTICUM IN SPECIAL EDUCATION: EARLY CHILDHOOD (4-8).** Requires working in a classroom full time

(300-600 student contact hours) under the supervision of a licensed teacher of the same endorsement in an accredited school. Provides opportunity to observe, develop lessons, assess learning, and teach large and small groups as well as individualized lessons. Attends appropriate in-services or faculty meetings and becomes a part of the school community.

**EDSP 692. PRACTICUM IN SPECIAL EDUCATION GENERALIST (3-8).** Participation in a student teaching experience assessing, teaching, and program planning for students with special needs. **NOTE:** Students must have experience with students with a variety of needs.

## MASTER OF FINE ARTS (MFA)

**MFA 601. RESIDENCY I (3).** Students will attend a morning writing workshop, an advisement session with a co-director, afternoon seminars, and evening readings by program faculty, visiting writers, and graduating students.

**MFA 602. RESIDENCY II (3).** In addition to morning writing workshops and advisement sessions, afternoon seminars, and evening readings, the second residency will feature follow-up meetings with first semester mentors interviews with faculty mentors, and meetings with the program directors. Prerequisite(s): MFA 601.

**MFA 602D. DUAL-GENRE RESIDENCY (3).** Third residency for dual-genre students only. Prerequisite(s): MFA 601 and MFA 602, or permission of instructor.

**MFA 603. RESIDENCY III (3).** The third residency will feature follow-up meetings with second-semester mentors, interviews with faculty mentors, and meetings with the program directors, as well as, seminars on Writing in the World Action Plan. Prerequisite(s): MFA 602.

**MFA 604. RESIDENCY IV (3).** The fourth residency will feature follow-up meetings with third-semester mentors, interviews with faculty mentors, and meetings with the program directors. Prerequisite(s): MFA 603.

**MFA 605. RESIDENCY V (3).** The fifth residency will feature follow-up meetings with thesis advisors, formal submissions of the MFA Thesis, the Thesis Defense, and public readings. Prerequisite(s): MFA 604.

**MFA 651. WRITING SEMESTER I (9).** In their first semester of study, students will continue to generate original work while also revising work completed during the first semester.

**MFA 652. WRITING SEMESTER II (9).** In their second semester of study, students will continue to generate original work while also revising work completed during the first semester.

**MFA 652D. WRITING SEMESTER II: DUAL GENRE (9).** In their second semester of study, students will continue to generate original work while also revising work completed during the first semester. This course is reserved for dual-genre students only(Intensive study of a secondary genre).

**MFA 653. WRITING SEMESTER III (9).** In their third semester of study, students will, in consultation with their faculty mentors, begin preliminary work on the book-length project that will become their MFA thesis. Prerequisite(s): MFA 652.

**MFA 654. WRITING SEMINAR IV (9).** In their fourth and final semester of study, students will, in concert with their faculty mentors/thesis advisors and thesis readers, write, revise, and perfect the book-length manuscripts that will be presented as their MFA thesis. Prerequisite(s): MFA 653.

**MFA 670. WRITING IN THE WORLD ACTION PLAN (0).** Maps out how students will make use of their writing talents to engage and serve their communities, whether through volunteerism or employment.

**MFA 680. CRITICAL ESSAY (1).** At any point before Semester IV, MFA students must submit a twenty-page critical essay on a topic in their genre.

**MFA 690. MFA THESIS (2).** The MFA Thesis, a book-length manuscript written, revised, and approved by the fourth-semester faculty mentor who serves as the student's thesis advisor, is the culmination of the student's work during the four residencies and semesters. Prerequisite(s): MFA 604 and MFA 654.

**MFA 698. MFA INDEPENDENT STUDY (3).** Focuses on aiding students in completion of program residency, writing semester, critical essays, writing in the world projects, and/or thesis projects.

## MASTER OF SCIENCE: CRIMINOLOGY (MSCR)

**MSCR 604. CONTEMPORARY ISSUES IN CRIMINOLOGY (3).** Examines the scope of criminology based on global research and practical applications. The scope includes public safety, terrorism and organized crime, urban crime, victimology, restorative justice, crime prevention and other existing and emerging issues.

**MSCR 605. CRIMINAL PSYCHOPATHOLOGY (3).** Examines the criminal mind. Explores criminal behavior patterns, factors that influence criminal behavior, and the pathology of criminal behavior. Considers changing environments, demographics, and events.

**MSCR 620. LEADERSHIP PRINCIPLES IN CRIMINOLOGY (3).** Examines contemporary leadership theories and models and explores multiple examples and case studies within Criminology. Specific areas of discipline, system collaboration, teamwork, stakeholder perceptions, and leadership ethics will be discussed. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 625. ETHICAL CONDUCT AND POSITIONS OF POWER (3).** Examines contemporary ethical standards and conduct in multiple contexts. Case studies, readings and discussion examine conflicts of interest, authoritative power and abuse, political influence, trust relationships and violation of trust, and other dilemmas faced by individuals in positions of leadership. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 640. TRANSNATIONAL CRIME (3).** Surveys and evaluates dominant trends in crime, i.e. organized crime, economic crime, cybercrime, terrorism, traffic in human beings, and drug dealing, from an economic and social-cultural context of globalization. Topics such as population migratory trends, transnational cooperation, and supranational policies will be discussed. Prerequisite(s): MSCR 604 or MSCR 605. Cross listing: MAGS 640.

**MSCR 650. CONTEMPORARY CRIME POLICY: CURRENT AND FUTURE NEEDS (3).** Analyzes existing policies and explores policy change and development incorporating emerging crime trends,

cultural diversity, resources and other influential factors. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 652. STRATEGIC PLANNING, IMPLEMENTATION AND EVALUATION (3).** Utilizes research methods to identify criteria for effective policy making and evaluation. Examines factors which impact successful policy development, implementation, and evaluation. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 654. CRIME PREDICTION AND PREVENTION (3).** Analyzes crime prediction and prevention techniques. Addresses reducing the risk of crime in private and public sectors. Identifies safety for families, employees, and customers and the means by which business private and public property are protected. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 657. ANIMAL EXPLORATION AND INTERNATIONAL LAW & ETHICS (3).** Cutting-edge multidisciplinary course designed to acquaint students with contemporary and historical animal-ethics/rights issues, to think critically about controversial issues regarding the relationships between humans and other animals. Examines a wide variety of topics related to the law of animals, such as classes of animals (companion, exotic, domestic), torts (liability statutes, damages and valuation), criminal law (breeding regulations, legal vs. illegal breeding, animal cruelty), hoarding, entertainment regulations, dog fighting, the Human Slaughter Act, the Animal Welfare Act and the Endangered Species Act.

**MSCR 660. CYBER CRIMINOLOGY (3).** Examines crimes committed using computer technology. Discusses strategies, tactics, and collaboration involved in combating cybercrime and cyber-criminals. Discusses future trends in digital crime and criminological theories. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 680. RAPID DECISION MAKING (3).** Studies decision models which enable timely decision-making in time of crisis and limited knowledge. Case studies are used to refine organization of knowledge, critical thinking and communication of decisions. Prerequisite(s): MSCR 604 or MSCR 605.

**MSCR 687E-W. SPECIAL TOPICS IN CRIMINOLOGY (3).** Studies selected topics in criminology through research, dialogue and analysis. Prerequisite(s): MSCR 604.

**MSCR 694. RESEARCH ANALYSIS AND APPLICATION (3).** Provides an overview of social science research methods employed by criminologists, emphasizing diagnostic and analytical tools, research design and evaluation methods and innovative thinking. Prerequisite(s): Must successfully complete all MSCR courses, with the exception of MSCR 696 Capstone Project.

**MSCR 695. INTERNSHIP IN CRIMINOLOGY (3).** Provides on-site experience and direct practice in the everyday issues of the criminology discipline. NOTE: Approval of Department Chair is required.

**MSCR 696. CAPSTONE PROJECT (3).** Directed research that provides experience of the student's major interests and academic work; focusing on an integration and application of appropriate theory and data that addresses a criminology topic of interest to the student. Prerequisite(s): Must successfully complete all MSCR courses prior to taking MSCR 696. NOTE: Pass/No Pass grading only.





## **REGIS COLLEGE**

## REGIS COLLEGE UNDERGRADUATE PROGRAM

OFFICE: Office of the Dean  
Regis University  
Mail Code: E-24  
3333 Regis Boulevard  
Denver, CO 80221-1099  
303-458-4040  
1-800-388-2366, Ext. 4040  
<http://www.regis.edu/RC/Academics/Academic-Dean.aspx>

Regis College of Regis University offers a wide range of programs in the liberal arts, the sciences, and education. Founded in 1877 by the Society of Jesus, the College is firmly rooted in a 450-year old tradition of academic excellence and value-centered education. A main focus of the mission of the College is to educate men and women of all ages to take leadership roles and to make a positive impact in a changing society. The College primarily serves traditionally aged undergraduate students who may choose from 30 structured areas of study or who may design their own program through the interdisciplinary and thematic major plans. A low student/faculty ratio permits small classes and learning formats that encourage critical thinking, thoughtful discussion and well-developed communication skills.

### THE REGIS COLLEGE CORE: “HOW OUGHT WE TO LIVE?”

Regis University recognizes that in today's diverse and complex world, education cannot be limited to one field of study. Instead, it is the goal of the University to give each student a full range of academic exposure. Building upon a 450 year educational tradition, our core education is grounded in a Jesuit and Catholic vision of human development. Through its emphasis on active learning and integrated reflective thinking, the core education should broaden a student's capacity to make critical judgments in a wide range of areas. To this end, Regis College requires that each student completes a liberal arts core curriculum.

Regis University's mission is to develop leaders in the service of others. Therefore, the Regis College Core Curriculum is firmly rooted in the Regis University Core Philosophy Statement. The Core Curriculum is guided by the framework of the Characteristics of the Core Educational Experience: Development of the Whole Person, Academic Challenge, Liberal Arts Foundation, Integration, Ethical Inquiry and Reflection, Spirituality and Religion, Concern for Justice, Global Awareness and Leadership.

All Core courses will challenge students to reflect on tradition, continuity, and change while celebrating the essential goodness of the world, the compatibility of faith and reason, and the joy of learning. Through the Foundational Core, with its emphasis on rhetorical skills (writing, speaking, reading and listening), to the Distributive Core with its focus on key modes of scholarly inquiry and discovery, to the Integrative Core, which connects new learning with prior knowledge and personal experience across disciplines, the Core encourages students to become lifelong learners in the Jesuit tradition.

**Foundational Core: The First Year Experience** (6 credits) is a two course sequence taken in the fall and spring of the first year. These courses introduce Regis College students to the idea of a Jesuit liberal arts education by foregrounding the guiding question for our core curriculum: “How ought we to live?” within the context of the Jesuit vision of a liberated human life. These small seminars develop competencies in writing, speaking, critical thinking and research. The First Year Experience introduces students to the Regis Mission and the Jesuit vision for liberal arts education, nurturing the life of the mind, within an environment conducive to effective learning and personal development. These courses also provide foundational knowledge of the arts, sciences or humanities for the remainder of the core.

Fall Term		Spring Term	
RCC 200 – Writing Analytically	3 SH	One communication intensive distributive course (e.g. PL, RS, FAC, COM, etc.)	3 SH
RCC 200A – Writing Analytically for Commitment Program Students	3 SH	One communication intensive distributive course (e.g. PL, RT, FAC, COM)	
RCC 200H – Writing Seminar: The Idea of a University (for Honors Program Students)	3 SH	RCC 300H— Tradition and Innovation (for Honors Program Students)	3 SH

The spring term course will satisfy the distributive requirement in its discipline (for example, a spring term PL course will satisfy the core Philosophy requirement).

**RCC 200--WRITING ANALYTICALLY:** This course is a writing-intensive seminar required for all students in the Fall of their first year at Regis. The course focuses on critical reading, thinking and writing, as well as introducing the student to their advisor and a core community of fellow students. Students will take a linked spring class with this same community of peers that will satisfy a core requirement.

**RCC 200A--WRITING ANALYTICALLY FOR COMMITMENT PROGRAM STUDENTS:** This course is a writing-intensive seminar required for all Commitment Program students in the Fall of their first year at Regis. It focuses on critical reading, thinking, and writing, and serves as an orientation to college life.

**RCC 200H--HONORS WRITING SEMINAR: The Idea of a University (for Honors Program Students):** This course begins a five-semester honors sequence of historically recursive seminars that bring the traditions of Christianity and classical learning into fruitful engagement with new developments in thought and culture. It examines the timeless struggle between reason and emotion, mind and heart, situating the conversation within an ongoing dialog on the nature of education and a university's role in fostering it.

**RCC 300H--HONORS SEMINAR TRADITION AND INNOVATION** (for Honors Program Students): This course is the second in a five-semester honors sequence, and draws upon the intellectual tradition commonly called the humanities—an interdisciplinary blend of literature, art/music history, philosophy, history, film, and so on—as it investigates the play between tradition and innovation in the human story. It emphasizes critical analysis and writing competence.

**The Distributive Core** (37 to 46 credits) represents a variety of offerings in disciplines that provide the underpinning of a solid liberal arts education. These specifically designed core courses within the following areas of study expose students to a wide range of academic disciplines, perennial questions, and methods of inquiry that broadens a student's ability to make informed, critical judgments. A current list of approved courses is available in the Regis College Dean's Office as well as online on the Core Program web page.

Economic Systems	3 SH
Fine Arts	3 SH
Foreign Language (two classes in one language)	6 to 8 SH
Literature	3 SH
Mathematics (College Level or higher)	3 to 4 SH
Natural Science with Lab	4 SH
History	3 SH
Philosophy (PL 270)	3 SH
Religious Studies (two RT classes in sequence)	6 SH
Social Science (AN, ED, HS, POL, PY, SO)	3 SH
Public Speaking (COM)	3 SH

**The Integrative Core** (12 credits): Students take four upper division interdisciplinary courses in their junior and senior years or after completion of the distributive core courses. These integrated courses build on the intellectual and skill development of the Foundational and Distributive Core, and are focused around essential themes expressed by the Regis Mission and the Regis College Core Philosophy Statement: Diversity and Cultural Tradition; Global Environmental Awareness; Justice and the Common Good; and Search for Meaning. These courses are deliberately value-laden, emphasizing, where appropriate, Jesuit and Catholic values and understandings. They aim at developing leaders in service to others. Courses may include shared texts, team-taught approaches and community-based learning and internships.

RCC 400D – Diversity and Cultural Tradition	3 SH
RCC 410E – Global Environmental Awareness	3 SH
RCC 420J – Justice and the Common Good	3 SH
RCC 430M – Search for Meaning	3 SH

These integrated courses cross disciplinary boundaries and combine multiple competencies. Though individual courses approach these themes from a variety of perspectives, each course is organized around one of the following themes:

**RCC 400D. DIVERSITY AND CULTURAL TRADITION (3).** Explores issues of diversity by examining the issues of groups that historically have been oppressed. Examines fundamental questions about diversity and in particular how the self and others constitute our global society. Pre-requisite: Junior Standing or completion of distributive core required.

**RCC 410E. GLOBAL ENVIRONMENTAL AWARENESS (3).** Examines the social, historic, political, and economic principles that have led to our current environmental status; also considers the possibility that artistic, behavioral, communicative, and philosophical thought can address these problems. Pre-requisite: Junior Standing or completion of distributive core required.

**RCC 420J. JUSTICE AND THE COMMON GOOD (3).** Explores the concept and application of justice in relation to the common good. Multiple perspectives and disciplines offer critical examination of the theory and practice of justice for all. Pre-requisite: Junior Standing or completion of distributive core required.

**RCC 430M. SEARCH FOR MEANING (3).** Engages sustained reflection about the elements of the human condition that impact our well-being, both individually and communally by fostering a critical evaluation of the personal beliefs—ethical, religious, political and social—that shape interpretations about the meaning of our lives. Evaluates how these beliefs develop in dialogue with other sources—drawn from history, tradition, and society—as we seek to answer the question “How ought we to live?” Pre-requisite: Junior Standing or completion of distributive core required.

**RCC 440A. GLOBAL EDUCATION SEMINAR A (0-1).** Contextualizes students' future international experiences within a scholarly framework. Students will reexamine notions about culture and identity by exploring critical perspectives on imperialism, ethnocentrism, nationalism, and the intersection of race, class, and gender. NOTE: RCC 400A and 400B will be mandatory for study abroad students. RCC 400A will be completed prior to the study abroad semester and RCC 400B will be completed following the study abroad semester. This course in conjunction with RCC 400B and a semester or year-long Regis-sponsored study abroad program has been approved to satisfy RCC 400D.

**RCC 440B. GLOBAL EDUCATION SEMINAR B (0-1).** Fosters intercultural development through readings and interactive exercises. The course is designed to help students process, contextualize, and articulate insights about culture, identity, and power gained through students' own international experiences.

NOTE: RCC 400A and 400B will be mandatory for study abroad students. RCC 400A will be completed prior to the study abroad semester and RCC 400B will be completed following the study abroad semester. This course in conjunction with RCC 400B and a semester or year-long Regis-sponsored study abroad program has been approved to satisfy RCC 400D.

RCC 490E-W. INTEGRATIVE CORE (3). Focuses around the themes of Diversity & Cultural Tradition, Global Environmental Awareness, Justice & the Common Good, or Search for Meaning. Deliberately value-laden and emphasizes Jesuit values. Examines relevant fundamental issues and the student's role in an increasingly interconnected world. Prerequisite(s): Junior standing or completion of Distributive Core required.

Please note that the above core studies requirements, along with the completed major, minor (required or optional), and general elective courses must total at least 120 credit hours for a Regis College degree.

### Core Repeatability Policy

Students who fail any Core course (with the exception of RCC 200) may repeat the same course in a subsequent semester for which the failing grade was received. Students failing RCC 200, or RCC 200A must take EN 203 in order to complete their composition requirement. Students are subject to the Repeat Grade Improvement Option guidelines as outlined in the General Information section of the *Catalog*.

### Core Transfer Policy

RCC 200, Writing Analytically, fulfills the writing requirement for the Core. All first-year students, including those with AP credit in English Composition, must take RCC 200. All transfer students with fewer than 17 semester hours of transfer credit must take RCC 200. Transfer students with 17 semester hours or more of transfer credit who do not have an English composition course must take EN 203 -- Intermediate Composition or, with written permission of the associate dean, RCC 200. Transfer students with 17 hours or more of transfer credit, including an English composition course or its equivalent, are not required to take either RCC 200 or EN 203.

Transfer students with 60 or more hours of transfer credit may substitute no more than two courses for the integrative core (RCC 400D, RCC 410E, RCC 420J, RCC 430M). Students cannot waive the requirements; they may substitute upper-division, thematically similar courses for up to two of the integrative core requirements.

## UNDERGRADUATE DEGREE OFFERINGS

### BACHELOR OF ARTS

#### Majors:

Anthropology  
Art History  
Biology  
Communication

Criminal Justice  
Elementary Education: Teaching for Social Justice  
English  
Environmental Studies  
Fine Arts: Visual Arts  
French  
History  
Music  
Music History and Literature  
Music Performance  
Peace and Justice  
Philosophy  
Politics  
Religious Studies  
Sociology  
Spanish  
Women's and Gender Studies

### BACHELOR OF SCIENCE

#### Majors:

Biochemistry  
Biology  
Chemistry  
Computational Physics  
Environmental Science  
Mathematics  
Neuroscience  
Political Economy  
Physics  
Psychology

### BACHELOR OF ARTS AND SCIENCE

This degree consists of a major from the Bachelor of Arts and a major from the Bachelor of Science majors list. All requirements for both majors must be met in order for this degree to be awarded.

### CLASSICAL BACHELOR OF ARTS

In the Jesuit system of education, 12 upper division semester hours of Latin plus 12 upper division semester hours of Greek or a modern language are required to qualify for the Classical Bachelor of Arts. The degree is offered with majors in English, French, History, Philosophy, Politics, Sociology, and Spanish. Courses in classical language are offered if the need arises and the demand is sufficient.

## SPECIAL MAJORS

The following major alternatives are available for students completing Bachelor of Science or Bachelor of Arts degrees.

### Double Major

To earn a double major, all requirements for both majors must be met. A written and/or comprehensive examination may be required in the majors selected.

### Interdivisional Major

Some students may wish to select an interdivisional major to satisfy pre-professional requirements or special interests. Selection of the major should be made only after consultation with the associate dean for Regis College. The interdivisional major is composed of 42 upper division semester hours completed in four different discipline areas, all requiring grades of "C-" or better. The maximum number of hours in one subject (discipline) that can be used toward the 42 is 15; the minimum is six.

Applications for an interdivisional major may be obtained from the Regis College Dean's Office and should be filed during the second semester of the sophomore year. All majors and minors listed in the Degree Offerings section may be used for an interdivisional major.

With this major, the student may select the discipline area he/she wishes to use as the lead or principal area, as long as at least 12 or more upper division hours are accumulated. Whether or not a comprehensive examination is required is determined by the academic department represented by the lead area. The degree to be granted (BA or BS) is also determined by the selected lead area in the interdivisional major.

### Thematic Major

A thematic major is a self-designed, individualized program of study built around a theme or topic for which there is no formally established program at Regis College. The thematic major is composed of a minimum of 24 upper division semester hours. The thematic major may be declared if there are sufficient courses available among the offerings of the University as a whole or a nearly sufficient number of courses augmented by a small number of independent study courses taken under appropriate faculty direction and/or by a small number of courses taken at other institutions. However, a minimum of half of the upper division hours in a thematic major area must be completed at Regis.

## MINOR AREAS

The completion of a minor area is optional except for majors that require a specific minor. The minor area consists of a minimum of 12 upper division semester hours in which all grades earned must be "C-" or better and with an overall GPA of 2.000. Departments and programs may specify courses required for the minor. Courses that are not specified for a minor are selected in consultation with the major advisor. The minor area should lend support to the development of the major and the ultimate objective of the student.

The following minor areas are available:

Art History	Music
Biology	Neuroscience
Catholic Studies	Oral History
Chemistry	Peace And Justice
Christian Leadership	Philosophy
Communication	Physical Education
Community Food Systems	Physical Education: Coaching
Conflict Studies	Physics
Criminology	Politics
Cultural Anthropology	Pre-Law
Culturally and Linguistically Diverse Education	Political Economy
Education	Psychology
English	Religious Studies
Environmental Studies	Sociology
Ethics, Politics and Society	Spanish
French	Special Education
Hispanic Studies	Visual Arts
History	Women and Gender Studies
Literacy	Writing
Mathematics	

### Thematic Minor

The thematic minor consists of 12 upper division semester hours built around a theme or topic for which there is no formally established minor at Regis College. Interested students should contact the Regis College Dean's Office for additional information.

### Double Minors

To earn a double minor, all requirements for both minors must be met. A minimum of 12 semester hours of 400-level coursework must be completed in each minor area.

## EXTRAORDINARY ACADEMIC PROGRAMS

### CENTER FOR SERVICE LEARNING

As a vital part of our Jesuit heritage, Regis students are urged to get involved in our greater community on a local, national and global level as positive agents of change, to be men and women for others. In many of your classes you will participate in service learning, which lets you apply what you are learning in class to the greater service of our community. The Regis College Center for Service Learning (CSL) partners with faculty, students and the public to connect the academic objectives of courses across the disciplines to specific assets and needs in the community. Through these partnerships, CSL works to transform hearts, minds and the world by applying engaged learning teachings to traditional coursework. Standing within the Catholic and Jesuit traditions, CSL strives not only to meet rigorous academic objectives, but also to challenge students to explore diverse perspectives, create meaningful relationships, develop a critical consciousness and serve as positive agents of social change for local and global justice.

In addition, there are many opportunities to get involved outside the classroom in service work, from one-time volunteer projects to those involving extended, in-depth commitments. Students can also choose to go on service trips during school breaks, traveling abroad, across the country or just miles away. CSL also has an Engaged Scholar Activist program which hires students to assist faculty members with developing and implementing service learning work and community projects. For more information on how to get involved in service, please visit the website for the Center for Service Learning at [www.regis.edu/rcservicelearning](http://www.regis.edu/rcservicelearning).

### COMMITMENT PROGRAM

The Commitment Program provides motivated first-year students with a learning community that, through academic support, individualized advising, and specialized first-year classes, empowers them to work towards achieving their academic goals and to develop skills integral to academic success. Students in the program demonstrate an engagement with their learning and the Regis community, a commitment to academic success and service, and a dedication to their peers in the program.

Throughout their first year, Commitment students enroll in a series of courses designed to strengthen their academic skills, introduce them to the Jesuit mission, and guide them as they navigate the transition from high school to college. The Commitment Program provides structured academic advising based on students' academic goals, as well as access to a number of academic and nonacademic support systems.

### ENGINEERING

For the engineering student, Regis University offers, in collaboration with Washington University of St. Louis, the Dual Degree Program in Engineering in which a student can receive a strong background in liberal arts and sciences, and professional training in engineering. These students complete their Regis College Core and major requirements, and then take two years of

engineering courses at Washington University. It is possible for students to finish the Regis requirements in three years if they start early, but it may require taking summer courses. Students may take four years to finish the Regis requirements.

An outline of the courses to be taken at Regis, and the areas of engineering available at Washington University can be obtained from the Regis Dual Degree Program Liaison Officer. Following the successful completion of this program, the student receives a Bachelor of Science degree (Engineering) from Washington University and a Bachelor's degree from Regis University. The Dual Degree Program also includes the possibility of earning a Master of Science degree in Engineering or an MBA by completing another year at Washington University. For further information, students should contact the Regis Dual Degree Program Liaison Officer (Department of Mathematics).

### ACADEMIC INTERNSHIP PROGRAM

The Academic Internship Program in Regis College provides the opportunity for students to participate in an off-campus placement in the professions, nonprofit sector, business, or industry while earning credit through their academic department. The program reflects the University's mission to increase students' ability to integrate and apply academic and personal learning through rich, structured experiences off campus.

Two courses are currently offered: Field Experience and Internship. Students registering for either course must have a minimum cumulative GPA of 2.8 and cannot be on disciplinary probation. To register for either course, students must receive approval from the director of the Academic Internship Program and the faculty sponsor in their department. Course registration takes place in the Program office only after an internship has been secured and approved. Students cannot receive credit for virtual internships or internships in home offices.

In order to find a placement that meets Program requirements, students should begin the internship search one semester prior to the semester in which they intend to participate. To get started, students should set up an advising meeting with Academic Internship Program staff.

Regis College requires a minimum of 120 hour at the internship site over the full semester, for which students earn three semester hours of credit. Students must also fulfill all the academic requirements in the course syllabus. Exceptions to these policies must be determined at the beginning of the semester through consultation with the faculty sponsor and the director of Academic Internship Program, with approval in writing by the associate dean for Regis College.

In addition to interning the minimum number of hours at a site under the guidance of a site supervisor, students work closely with a Regis professor during the internship semester. Academic requirements in the course can include keeping a journal of observations and experiences at the site, as well as completing projects and meeting specific learning objectives. The faculty sponsor determines the grade for the course based on academic work and on mid-term and final evaluations submitted by the site supervisor.

Students in all areas, including thematic majors, can look forward to an enriching experience in the private sector, public sector, or

nonprofit organization in the Denver area or in another state. Regis College also offers a semester-long academic internship program in Washington D.C. in partnership with two program providers. Fifteen semester hours of Regis credit are awarded. Students must apply for these programs by meeting with the director of the Academic Internship Program. Specific internship programs for ethnically diverse students are also available.

### Field Experience Course

The field experience course enables a student to broaden his or her perspective regarding potential career areas. While developing specific competencies on the job, the student is able to combine academic coursework with experience in a professional setting. The field experience course is available to sophomores, juniors, and seniors. Students in this course receive three elective credits, and can take the course for a letter grade or opt for Pass/No Pass. University regulations on taking courses P/NP apply.

### Internship Course

Through the internship course, juniors and seniors are able to gain practical experience in a field of interest while earning credit in their program of study. The internship course can be taken for a letter grade only. In several departments, an academic internship is required for graduation, and the course credits count toward the major or minor. In other departments, the internship course counts as elective credit in the major or minor. Some departments have prerequisite courses that must be taken prior to the internship course.

The Academic Internship Program enables the student to develop solid professional skills to complement their classroom learning. For many graduating seniors, an internship can be the link to a network of employers after graduation. These contacts, in addition to an enhanced resume, are of benefit to students after they leave Regis. For those applying to graduate or professional programs, an undergraduate internship can be a distinguishing element of their application.

## HONORS PROGRAM

The Honors Program is available to self-motivated, conscientious Regis College students who wish to complete an alternate pathway through the Core curriculum and be distinguished as an honors graduate. Honors students form a vibrant community of young scholars who are committed to making the most out of their time at college. Honors students are natural leaders across the campus community tend to thrive on challenges, and enjoy working together to realize their full intellectual potential. Additionally, honors students are eager to integrate their intellectual lives into their personal, community, and world experiences.

Honors Program students enjoy an integrated sequence of core seminars designed especially for them by faculty across the college. This team-taught curriculum stresses interdisciplinary study, small group interaction, and individual student initiative. A variety of "honors only" sections of standard Core courses invite students to explore material in greater breadth or depth, probing connections within and among disciplines. By taking an alternative pathway through the standard Core curriculum, the Honors

Program provides an exciting way to integrate the broader education provided by a liberal arts college.

The Honors Program is competitive and normally limited to 42 students per year. To be distinguished as an honors student at graduation, a student must maintain a 3.500 cumulative grade point average and complete at least 27 semester hours of dedicated honors courses including a senior thesis. Students interested in joining the Honors Program should contact the director of the Honors Program.

## DEPARTMENTAL HONORS

Departmental honors programs are available to Regis College undergraduate program students in Biochemistry, Biology, Chemistry, English, Neuroscience, and Psychology. Students should contact the appropriate Department Chair for information. Departmental honors requirements are listed with the appropriate departmental major information in this *Catalog*.

## PRE-LAW MINOR

Through the Pre-Law minor, Regis University offers courses and structure, student campus organizations, mentor and internship relations in the legal field, and law-related advising across several academic disciplines. *Res Judicata* – meaning "those things settled" in the courts is a student organization that builds on established Regis principles of peace, justice, and service. These are long standing Ignatian educational values that are addressed through a speaker series, service projects, and strategic planning for graduate school. The Pre-Law minor helps cohere the student's liberal arts education, Ignatian principles, and pre-professional training so that students may develop skills valued by law schools and prepare optimally for a challenging and critical vocation.

## PRE-MEDICAL AND PRE-DENTAL PROGRAMS

Undergraduate students intending careers as physicians, dentists, or other health professionals will find appropriate academic preparation and supportive student colleagues. Medical and dental schools are placing increased emphasis on a broad liberal education as a background for graduate work, combined with the substantial science prerequisite courses. Therefore, although there are no official pre-medical or pre-dental majors, Biology, Biochemistry, Chemistry and Neuroscience are the most common majors. Courses must be chosen carefully to ensure completion of all requirements for entrance into the professional schools and to make adequate preparation for the Medical College Aptitude Test or the Dental Aptitude Test, examinations that are usually taken at the end of the junior year. Students are encouraged to gain experience in health-related service areas, including volunteer or internship activities. Students also may participate in educational and service activities sponsored by Alpha Epsilon Delta, the National Health Pre-Professional Honor Society. Students interested in preparation for graduate health careers should contact the Pre-Med/Pre-Health advisor located in the Biology Department.

## PRE-PHARMACY PROGRAM

Undergraduate students interested in pursuing a Doctoral Degree in Pharmacy (Pharm. D.) need not complete an undergraduate



degree before entering the professional program; rather, they must complete the prerequisite courses, which will usually require two to three years of coursework. While the School of Pharmacy does not guarantee admission to Regis undergraduate students, individuals who have completed their prerequisite courses, at least 3 full time semesters at Regis University, maintained a cumulative GPA of 3.0 in their prerequisite course work, and earned a minimum of 30% on the PCAT are guaranteed an opportunity to interview with the School of Pharmacy. Undergraduate students considering a Doctoral Degree in Pharmacy should contact the School of Pharmacy for specific information on prerequisite coursework.

## PRE-PHYSICAL THERAPY PROGRAM

Undergraduate students interested in pursuing a Doctoral Degree in Physical Therapy may complete any undergraduate major, although the natural sciences such as Biology, Chemistry, and Neuroscience and the social sciences, such as Psychology, are especially useful in preparing for a career in Physical Therapy. While the School of Physical Therapy does not guarantee admission to Regis graduates, individuals who have earned a baccalaureate degree at Regis University and who have completed the prerequisite courses are given preference for admission. Undergraduate students considering a Doctoral Degree in Physical Therapy should contact the School of Physical Therapy for specific information on prerequisite coursework.

## RESERVE OFFICER TRAINING CORPS (ROTC)

Enrollment in Reserve Officer Training Corps (ROTC) provides undergraduates and selected graduate students an opportunity to combine academic study with a military officer's professional education program. The Air Force, Army, and Navy conduct courses in their respective areas leading to a regular reserve commission upon graduation. The Navy also offers a program leading to a regular commission in the Marine Corps. All programs are open to both men and women. ROTC programs are offered in a cross-town agreement with the program at the University of Colorado-Boulder, although courses are often also available at Colorado School of Mines or Auraria Campus.

### Air Force Aerospace Studies--Air Force ROTC

Air Force ROTC offers several programs leading to a commission in the U.S. Air Force upon receipt of at least a baccalaureate degree. Students attend classes at either University of Colorado-Boulder (CU-B) or the Colorado School of Mines (CSM) in Golden.

### Standard Four-Year Program

This program is in three parts: the General Military Course for lower division students (normally freshman and sophomores), the Professional Officer Course for upper division students (normally juniors and seniors), and Leadership Laboratory attended by all cadets. Completion of the General Military Course is a prerequisite for entry into the Professional Officer Course. Completion of a four-week summer training course is required prior to commissioning.

### Modified Two-Year Program

This program is offered to full-time regularly enrolled degree students. It requires at least two years of full-time college

(undergraduate, graduate level, or a combination). Those selected for this program must complete a six-week field training program during the summer months as a prerequisite for entry into the Professional Officer Course the following fall semester.

### Leadership Laboratory

AFROTC cadets must attend Leadership Lab (one and one-half hour per week). The laboratory involves a study of Air Force customs and courtesies, drill and ceremonies, career opportunities, and the life and work of an Air Force junior officer.

## OTHER AFROTC PROGRAMS

Other programs are frequently available based on current Air Force needs. Any AFROTC staff member in Boulder (303-492-3130) can discuss the best alternatives. Interested students should make initial contact as early as possible to create the best selection opportunity, as selection is competitive. There is no obligation to serve in the Air Force until a formal contract is entered.

### Air Force College Scholarship Program

Students participating in Air Force ROTC may be eligible to compete for Air Force ROTC College scholarships. Students selected for this program are placed on scholarships that pay tuition; book allowance; nonrefundable educational fees; and a modest subsistence per month, tax-free. All cadets enrolled in the Professional Officer Course receive a moderate subsistence during the regular academic year. Scholarships that are available include two- and three-year scholarships. These scholarships are available to both men and women, in all academic disciplines. In addition, there are special programs for minority students.

### Flight Opportunities

Prior to entering the fourth year of the AFROTC program, qualified AFROTC students can compete for pilot allocations. In the summer following their junior year, qualified pilot candidates generally attend the Flight Screening Program (FSP) near San Antonio, TX.

### USAF Medical Programs

Qualified pre-med students can compete for pre-med scholarships and programs. These scholarships and programs can lead to a rewarding career as an Air Force Officer, serving as a physician.

### AFROTC Course Credit

Air Force ROTC serves as elective credit for most students. Elective course credit toward degree requirements for ROTC classes will be monitored by the student's academic advisor.

#### Registration

Students may register for AFROTC classes during their regular registration process at Regis University.

### Military Science (U.S. Army)--Army Book

The Department of Military Science offers programs leading to an officer's commission in the active Army, Army Reserve, or National Guard in conjunction with an undergraduate or graduate degree. Military science courses are designed to supplement a regular degree program by offering practical leadership and management experience. The Military Science Program at Regis University is offered in conjunction with the University of

Colorado-Boulder (CU-B). Students attend classes at either University of Colorado-Boulder (CU-B) or the Colorado School of Mines (CSM) in Golden.

#### *Four-Year Program*

The four-year program consists of two phases: the basic course (freshmen and sophomore years) and the advanced course (junior and senior years).

**Basic Course:** The basic course offers a two- or three-credit course each semester, covering Army history and organization as well as military leadership and management. Laboratory sessions provide the opportunity to apply leadership skills while learning basic military skills. Enrollment in the basic course incurs no military obligation except for Army scholarship recipients.

**Advanced AROTC:** The advanced course covers leadership, tactics and unit operations, training techniques, military law, and professional ethics, and includes a leadership practicum each semester. A 35-day summer advanced camp at Fort Lewis, Washington, provides challenging leadership training, and is a prerequisite for commissioning. Advanced course students must have completed the basic course and obtain permission from the Professor of Military Science (PMS).

#### *Two-Year Program*

The two-year program consists of the advanced course, preceded by a four-week summer ROTC basic course at Ft. Knox, Kentucky. Veterans or students who have participated in three years of Junior ROTC or Civil Air Patrol may be eligible to enroll in the advanced course without attendance at basic camp or completion of the basic course. Inquiries on advanced course students must obtain permission from the Professor of Military Science (PMS).

#### *Scholarship Programs*

Four-year college scholarships are available to high school seniors who should apply before December 1 of their senior year. Competition for two- and three-year scholarships is open to all university students, regardless of academic major and whether or not they are currently enrolled in ROTC. Scholarship students receive full tuition and mandatory laboratory fees, a book allowance, and an allowance of \$300 to \$500 per month during the academic year. Students interested in the scholarship program should contact the Enrollment offices at 303-492-3549 no later than the beginning of the spring semester to apply for the following academic year.

#### *Simultaneous Membership Program*

Students currently in the Army Reserves or Army National Guard and entering the second year of the basic course or the advanced course may participate in the Simultaneous Membership Program (SMP). Students participating in this program will receive \$450 to \$500 monthly stipend plus their unit pay at the E-5 grade. Participants in the SMP program may be eligible for Army Reserve or Army National Guard tuition assistance benefits.

#### *Leadership Laboratories*

These 90-minute periods provide cadets with practical leadership experience and performance-oriented, hands-on instruction outside the classroom. Diagnostic evaluations of cadets in leadership roles are frequently administered. Leadership labs are compulsory for enrolled cadets.

#### *Activities and Leadership Laboratories*

Students may participate in activities with the Buffalo Battalion located on the Colorado Mines Campus, CU-Boulder Campus, or Auraria Campus, to include color guard, intramural sports, running club, and ranger challenge. Weekly or Saturday leadership labs provide cadets with practical leadership experience and performance-oriented, hands-on instruction outside the classroom. Leadership labs are compulsory for enrolled cadets. PT is conducted three times a week with the purpose of developing muscular strength, endurance, and cardio-respiratory endurance.

#### *Pre-Professional Programs*

Students pursuing medical or nursing degrees may enroll in military science and may be eligible for scholarships directed toward medical professions. For more information, contact the ROTC Enrollment officer at 303-492-3549.

#### *Veterans*

Veterans who have served on active duty or in the Army Reserve/National Guard are also eligible for the ROTC program. Although veterans are not required to take the Basic Course, they are encouraged to do so. A minimum of 60 credit hours are required prior to enrolling in the Advanced Course.

#### *AROTC Course Credit*

Army ROTC serves as elective credit for most students. Elective course credit toward degree requirements for AROTC classes will be monitored by the student's academic advisor.

#### *Registration*

Students may register for AROTC classes during their regular registration process at Regis University. For more information, contact the Enrollment Officer at the University of Colorado-Boulder at 303-492-3549, 303-492-6495, send an email to [armyrotc@colorado.edu](mailto:armyrotc@colorado.edu) or visit [www.colorado.edu/lotc](http://www.colorado.edu/lotc). Mailing address:

Army ROTC (UC-B)  
Department of Military Science  
University of Colorado at Boulder  
370 UCB, Folsom Stadium, 215  
Boulder, CO 80309

## STUDY ABROAD

Keeping the tradition and spirit of early Jesuit missionaries, The Regis University Office of Study Abroad encourages our students to venture into the world with the intention of gaining knowledge and new skills to become leaders in the service of others. Regis encourages every student to consider spending a semester or full academic year studying abroad.

Study abroad is primarily available to Regis students in the Fall or Spring semester of their junior year. Nursing and Health Exercise students may study abroad during their sophomore year. Students must achieve a minimum GPA of 3.00 to participate in a Regis-sponsored study abroad program regardless of a third party provider's posted GPA range. Students must also be in good disciplinary and financial standing. Students should not let concerns about credit requirements, language prerequisites, or cost prevent them from considering studying abroad. With a program portfolio of 100 programs in over 60 locations worldwide, the Study Abroad Office will work with students to

identify programs that are financially and academically suited to students' needs.

## TRAVEL LEARNING

Faculty-led, short-term, travel learning courses provide both faculty and students with opportunities to take their classrooms to the locations around the globe that bring the course content to life. They may be offered in all disciplines in the Regis College curriculum, and have been developed to be as affordable and accessible for students as possible while still upholding the academic standards and ethical commitments that serve as core values for any Regis educational program offered.

While the majority of travel learning courses bring students to international locations, faculty are also invited to develop domestic travel learning courses that provide students with opportunities to extend the boundaries of their classroom studies across the United States.

Travel learning courses may be developed as stand-alone classes in which all instruction occurs abroad, or they may offer a blend of on-campus and travel-based instruction. While typically offered during Summer Session, travel learning courses may also be offered in the spring and fall semesters with the actual travel component occurring during the breaks in the regular course meeting schedules.

## SUMMER SESSION

The Regis College Office of Summer Session offers lower and upper-division undergraduate courses in the core as well as major areas of study from early May through August. Summer Session invites students to reach their educational goals through the convenience of accelerated courses. The focused learning atmosphere of the Summer Session balances the challenge of concentrated study with personal interaction between students and professors. Courses offered during Summer Session are equivalent to those offered during the fall and spring semesters in content, prerequisites, and number of credits.

Most summer session courses are held on-campus, with a limited selection of online offerings. In addition, students have the opportunity to participate in a Faculty-Led Travel Learning program, arrange internships for academic credit with the Academic Internship Office, or an Independent Study or Special Study with select faculty.

## TEACHER LICENSURE PROGRAM

Regis College students interested in becoming teachers complete a sequence of professional licensure courses in addition to their core and major studies. This sequence of education courses at Regis is designed to lead to licensure at the elementary, secondary, or K-12 grade levels in Colorado. In addition, as a required component of our programs, all graduates complete the qualifications for an Endorsement in Culturally and Linguistically Diverse Education. Students also have the option to pursue licensure in special education. A Special Education Generalist Endorsement is available in conjunction with an elementary or secondary teaching licensure.

The licensure programs are mission oriented and focus on serving the needs of all students. Students complete teaching internships

in a variety of high needs schools in the Denver metropolitan area, including public and Catholic schools with diverse populations. Regis students enrolled in this sequence begin developing teacher performance, dispositions, and knowledge during the first courses and initial field experiences. Students may also choose to major in Elementary Education: Teaching for Social Justice. Students interested in teaching middle school or high school can pursue licensure with a content major (ex, mathematics, sciences, English, Spanish, history).

The Committee on Teacher Education at Regis (COTER) develops the College policies on admission, retention, and recommendation for licensure. To qualify for admission, retention, and recommendation for licensure through the Regis University Teacher Education Program, students must satisfy the requirements detailed in the Education Department section of this *Catalog*.

For students with a bachelor's degree seeking teacher licensure, Regis College offers the Master of Arts in Education Graduate Teacher Licensure Program. This program offers college graduates a licensure track with a master's degree.

Students should contact the Regis College Education Department for information about teacher licensure options.

## ADMISSION

Regis University uses two general approaches in evaluating any applicant for admission; evidence of academic and co-curricular achievement and evaluation of the individual's potential for success at Regis University.

Completed applications and all required documentation for admission must be received by the Office of Admissions no later than two weeks before the start of classes each semester. Admissions can be unavailable due to a wait list and/or other enrollment restrictions. Students applying after this deadline may be required to have an interview with the dean and/or the director of admissions.

All documents submitted during the application process become the property of Regis University.

## ADMISSION REQUIREMENTS

### High School Graduates

Prospective students who wish to apply should complete the following requirements:

- Complete the Regis Freshman Application or The Common Application. Regis University accepts the Common Application in lieu of its own application and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request that official high school transcripts be forwarded to Regis University's Office of Admissions. (Transcripts must be official and may not be stamped Student Copy.)

- High school seniors should have their official ACT and/or SAT test results forwarded to the Office of Admissions from their high school or testing agency. (ACT code: 0526; SAT code: 4656.)
- Applicants should include a personal statement or essay with their application. This will allow the admissions committee to get to know the applicant better.
- Applicants should submit one letter of recommendation either from a high school counselor or a teacher.
- Applicants are strongly encouraged to schedule a visit to campus to attend an information session and tour campus. Once accepted into Regis University, the admissions office asks the applicant to confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### **General Educational Development Diploma Recipients**

A student who has received a General Educational Development (GED) diploma is eligible for admission to Regis College.

### **Transfer Students**

Applicants are granted admission on the basis of academic record and the intended field of study. A student wishing to transfer to Regis University must have a satisfactory cumulative grade point average. Class status is determined by the number of hours that are transferable from a regionally accredited institution. Specific questions concerning the evaluation of credits should be directed to the Office of Admissions. Transfer students are not admitted with senior standing unless they are willing to complete a minimum of 30 semester hours at the University.

Additionally, all transfer students are subject to specific Core Seminar requirements as outlined in this section of this *Catalog* under the Core Studies Requirements heading.

Students who wish to transfer to Regis College should:

- Complete the Regis Transfer Application or The Common Application. Regis University accepts the Common Application in lieu of its own form and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request official transcripts from each college attended to be sent directly to Regis University's Office of Admissions. (Transcripts must be official and may not be a stamped Student Copy.)
- Applicants should include a personal statement or essay with their application. This allows the Office of Admissions to get to know the applicant. Official high school transcripts are required if transfer student has less than 30 semester hours completed at the time of submitting the application.

Once accepted into Regis College, the admissions office requests that the applicant confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. If the applicant plans to live off campus, the deposit is \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### **Returning Students**

Students who attended Regis University and have not attended another institution since their departure from Regis are eligible to return if they were in good academic standing at the time of their exit.

Students who have attended another institution during their leave from Regis must submit a transcript of all coursework attempted during their leave. The admission decision is based on the student's academic performance at the college or university attended during the interim and his/her Regis grade point average.

If the student returns to Regis after a year or longer absence, he/she must reapply to the University. If the student is returning within one year of leaving Regis, it is not necessary to reapply. However, it is necessary to request that the student's file be activated by completing a Regis University Admission File Reactivation form. No admission fee is assessed for returning students.

### **Non-degree Seeking Students (Unspecified Student)**

Non-degree seeking students who desire nine or fewer semester hours of credit may enroll at Regis University as unspecified students if they possess a high school diploma or equivalent certificate. Unspecified students must submit applications before the beginning of the semester in which they plan to enroll. A nonrefundable \$150 deposit, which reserves academic space, is required.

An unspecified student may take any lower division course with the exception of courses in the Commitment Program. Such a student may not live in the College residence halls. Unspecified students are held to the same academic standing policies as full-time degree-seeking students.

Unspecified students who have already earned a bachelor's degree need not apply for formal admission to Regis after attempting nine hours. These students are also permitted to take upper division coursework. Undergraduate part-time students who have not previously earned a degree and wish to register for courses above the nine hour limit, need to apply for admission to a degree program through the Office of Admissions.

### **Admission on Academic Probation**

Regis University recognizes that some students have had setbacks in earlier academic endeavors and are now motivated to perform well academically. These students include applicants who present either low ACT or SAT scores, a low grade point average from another college/university, or high school, and/or have been out of school for at least three years. The University is willing to consider some students with these profiles for probationary admission. The academic performance of each student admitted on probation is reviewed at the end of one semester; students

must complete at least 12 credits with a 2.000 GPA to continue attending the college.

### Late Admissions Policy

- Students who apply on or before the first day of class may be allowed, at the discretion of the academic dean, to register as late as the end of the add/drop period.
- Students who wish to apply between the first day of class and the end of the add/drop period are cleared on a case-by-case basis.
- Students should have a current unofficial transcript.
- Any student attempting to process financial aid or veterans benefits paperwork, or those who cannot meet their financial obligation immediately, are encouraged to wait until the following semester.
- Late admission students do not have priority for enrolling in courses, especially closed courses.
- A Dean's Office designee is the advisor of these students to assist them with the immediate hurdles incurred by late arrival. The advisor deals with any additional student problems as required during the course of the semester.

### COMPETENCY-BASED CREDIT

Competency-based credit is awarded for non-classroom experiences. This includes National Standardized exams such as College Board Advanced Placement (AP) Examinations, College Level Examination Program (CLEP), and International Baccalaureate (IB) Program. Regis College students may take two lower-division CLEP exams. Prior approval from the student's advisor and the academic dean or designee is required. Since the Regis College core curriculum emphasizes prolonged classroom interaction in a semester-long format, these alternative credit earning options are not encouraged. These credits do not apply toward meeting the Regis University residency requirement.

### College Board Advanced Placement (AP) Program

Credit and/or placement in advanced coursework is awarded for AP examinations. Minimum scores required for awarding of credit and/or placement is established by the University. Students should check with the Regis University Office of Admissions to determine minimum scores required and how credit awarded for AP examinations satisfies degree requirements.

### College Level Examination Program (CLEP)

Credit may be awarded through the College Level Examination Program. CLEP exams cover material taught in lower division level college courses. There are four general CLEP exams accepted by Regis University: English Composition, Humanities, Social Sciences/History (check Regis program for acceptance), and Natural Science. Accepted subject exams cover such areas as Business, Composition, Computer Science, Economics, History, Literature, Mathematics, Social Sciences, and Natural Sciences. Students need both their advisor's and Dean's approval to take CLEP exams at Regis. Students can replace no more than two lower division courses with CLEP credit. Minimum scores required for awarding of credit are established by the University. Since the Regis College core curriculum emphasizes prolonged

classroom interaction in a semester-long format, CLEP credit earning options are not encouraged.

### International Baccalaureate Program (IB)

Credit is awarded for IB subject examinations that have been completed at the higher level. A minimum passing score of four is required. Students should check with the Regis College Admissions Office to determine how IB credit satisfies degree requirements.

## UNDERGRADUATE PROGRAM EXPENSES

The tuition, fees, and other charges described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

### ADMISSION FEES

#### Application Fee

A non-refundable fee of \$50 is required with the completed application for admission from all new students, transfer students and non-degree seeking students.

#### Advanced Deposits

A non-refundable deposit of \$150 is required for students enrolling at Regis University for the first time (new students, transfer students and non-degree seeking students). This deposit is allocated to tuition expenses in the first semester of attendance.

For students who plan to live on campus, an additional non-refundable deposit of \$150 is required each academic year. This deposit is allocated to housing expenses in the first semester of attendance.

## REGIS COLLEGE UNDERGRADUATE PROGRAM CHARGES PER SEMESTER FOR THE 2017 - 2018 ACADEMIC YEAR

### TUITION AND FEES

**NOTE:** Fees are determined by the Regis University Board of Trustees and are subject to change. Housing and meal plan costs/charges are listed under the Student Life heading in the General Information section of this *catalog*.

Full-time (12-18 semester hours)	\$17,630
Part-time (per semester hour under 12 hours)	\$1,102
Overload (per semester hour over 18 hours, in addition to the full time rate)	\$1,102
Summer Session (per semester hour)	\$460
Application Fee (one-time fee, paid upon submission of the prospective student's application to Regis)	\$50

Orientation Fee (one-time fee for new students)	\$225
Student Activity Fee*	\$175
Study Abroad Processing Fee	\$30
Study Abroad Confirmation Fee	\$300
Student Teaching Fee	\$200
Graduation Application Fee	\$50
Late Clearance Fee (fall and spring semester)	\$300
Late Clearance Fee (summer)	\$100
I.D. Replacement Fee	\$15
Returned Check Fee (per return)	\$31

\*Set by Student Executive Board

### Other Fees

Certain courses carry a fee to cover the cost of special materials, field trips, language laboratories, private lessons, etc. These fees are listed with the course offerings each semester (i.e., Regis College Schedule of Courses) and are assessed at the time a student registers for the course.

If incurred, other fees may be charged for special examinations and other miscellaneous fees and fines.

### BOOKS AND SUPPLIES

Books and supplies average about \$900.00 per semester.

### PERSONAL AND LIVING EXPENSES

The amount of money spent by a student for all expenses during an academic year, August to May, varies with current prices and the habits and needs of the student; therefore, estimates of the amount of money needed by individual students for such items as entertainment, laundry, and clothing are not reflected here. Students should have sufficient financial resources to ensure successful completion of each semester.

### PAYMENT OF STUDENT ACCOUNTS

Each Regis College undergraduate student is expected to pay in full, set up a Regis Payment Option, or have guaranteed financial aid in place by August 1 for fall, January 1 for spring, and May 1 for summer semesters. Prior to the published due date, students should verify or change room and meal plans, verify and complete financial aid arrangements and pay all related account charges.

All charges made to student accounts during the year are itemized on a registration invoice. This invoice is mailed to the billing address designated by the student before classes begin. Students can also view their registration invoice via WebAdvisor.

Additionally, students who are not enrolled at least part-time or that are close to graduating, must complete an Exit Interview for Perkins/Nursing/NFLP loans (if applicable) before transcripts and diplomas are issued.

### Financing of Student Accounts

All tuition and fees are payable in advance of each semester. Thus, financial plans should be made early to avoid problems that might occur after the due date. Students, parents or legal guardians who wish to make arrangements for financing should do so with a bank or other commercial lending institution that handles such financing. MasterCard, VISA, American Express, and Discover Card are accepted by Regis University. In addition, an interest free Regis Payment Option (RPO) is available to students enrolled in the Regis College Undergraduate Program. This payment plan breaks down the overall balance into six, five or four monthly payments for a \$50 application fee.

Student Accounts is pleased to assist students, parents, or legal guardians in making arrangements for payment through outside organizations or by direct bank wire transfer of funds for tuition and fees.

### Returned Checks

Any student who presents to the University a check that is not accepted for payment by the bank because of insufficient funds or other reasons for which the student is responsible is charged a fee of \$31. The student must make payment by cash or certified funds equal to the total of the invalid check, plus the fee to register for additional courses. In addition, a financial hold is placed on registration, academic transcripts and diplomas until the invalid check amount and fee have been paid.

### Consequences of Defaulted Accounts

At the time of registration, students accept financial responsibility for all tuition charges. Full payment of the student account balance is due by the published due date. If payment is not made on tuition and fees by the due date, a late fee of \$300 is assessed. If payment is not received by the due date, the account will be considered in default. Regis University reserves the right to restrict and/or drop registration if a student is in default. There is no guarantee that courses will still be available if dropped for non-payment. The release of transcripts and diploma will also be restricted until the financial obligation with Regis University is paid in full. Financial obligations include past due tuition and fees, active payment plans, deferments, institutional loans, and Perkins/Nursing/NFLP loans. Late fees can be assessed monthly on defaulted plans. Checks returned for insufficient funds will incur additional penalty fees.

Regis University and their respective agents and contractors will contact students in default regarding the student account, including repayment of the student account, at any current or any future phone number that is provided to Regis University. This includes cellular phones or other wireless devices using automated telephone dialing equipment or artificial or pre-recorded voice or text messages.

Failure to pay a defaulted balance will result in defaulted accounts being sent to external collection agencies. Upon non-payment of tuition and fees balances as stated, Regis University may declare the balance due and payable. Students in default agree to reimburse Regis University the fees of any collection agency up to 33% which may not be reflected in the statement of account,



which may be based on a percentage of the debt, and all the costs and expenses, including late fees and all other applicable charges to Regis University. In the event the defaulted balance is placed in the hands of an attorney for collection through legal proceedings or otherwise, defaulted students must pay late fees, attorney fees, court costs and fees, and all other applicable charges to Regis University. Disputed defaulted balances shall be governed by Colorado law, excluding its conflicts of law's provisions. Regis University and its respective agents reserve the right to report defaulted information to the credit bureaus.

## REFUND SCHEDULE FOR AUTHORIZED WITHDRAWAL FROM REGIS COLLEGE

The official date of withdrawal from the University or from a course is the date that the withdrawal request is submitted to the Office of Academic Records and Registration for processing. Notice of withdrawal from the University must be received by the Office of Academic Records and Registration by using the official University Withdrawal online form. The date the withdrawal request is processed and the date the student vacates the residence hall, if applicable, determines the amount of refund credited to the student. Refund policies are further described in the General Information Section of this *Catalog* under the 'Withdrawal and Refund of Tuition' heading.

The following refund schedule applies to tuition only:

<i>Withdrawal Period</i>	<i>Refund</i>
First Week (add/drop week)	100%
Second Week	80%
Third Week	60%
Fourth Week	40%
Fifth Week	20%
Sixth-Twelfth Week	0%
Thirteenth-Sixteenth*	0%

\*Students cannot withdraw from courses during this time period.

## ACADEMIC INFORMATION

### THE ACADEMIC YEAR

The academic year is divided into two semesters of 16 weeks each. The first semester begins with Orientation in late August and ends in mid-December. It is followed by a Christmas vacation of approximately three weeks. The second semester begins in early January and ends at approximately the close of the first week in May. The Summer Session extends from early May through the middle of August.

### THE ACADEMIC ADVISING PROGRAM

Academic advising is an integral part of the educational process in Regis College. It is the intent of this program to provide the student with a faculty advisor who assists the advisee to gain the maximum from his/her educational experience.

Each student at Regis is assigned an academic advisor who: 1) aids the student in planning an educational program consistent with his or her interests and capabilities; 2) provides information about the academic process and University resources; 3) counsels students who may be experiencing academic difficulties; and 4) refers students to any other areas of student services that can help the advisee with difficulties outside of the academic sphere.

The Advising Program is administered through the Office of the Academic Dean for Regis College. This office serves as a general source of information about campus resources and specialized programs.

## MAJOR DECLARATION

By the end of the sophomore year, each student must select a major area around which most of his/her upper division coursework centers. In some majors, even earlier decisions are encouraged. The programs in Accounting, Business Administration, Computer Science, Economics, Education, and the natural sciences require careful planning in order to meet all requirements during four years.

## COURSE LOAD/OVERLOAD

The average class load is 15 to 18 semester hours. Ordinarily, only students with a 3.000 minimum cumulative grade point average and no grades of Incomplete are allowed to carry more than 18 semester hours. Permission to carry 19 or more semester hours (course overload) must be obtained from an associate dean for Regis College. If, in the judgment of the associate dean, a student benefits by a reduced course load, the student is restricted to a course load of fewer than 15 semester hours.

## UPPER DIVISION COURSES

Freshmen and sophomores are allowed to take upper division courses only if they have completed the prerequisites or if they have obtained the permission of the instructor of the course. Juniors and seniors must also complete the prerequisites of an upper division course as listed in this *Catalog* before enrolling for the course.

## REGISTRATION

All students must consult with an academic advisor prior to registration. Students who have selected more than one major must consult with all assigned advisors, as appropriate. Registration materials are available online. Registration occurs online through WebAdvisor, but students must have their advisor approve their course planning worksheet before registering. It is the student's responsibility to study their degree requirements and make certain that course selections meet those requirements. Additionally, students are financially responsible for all registered courses. (see Payment of Student Accounts).

The University reserves the right to cancel a course when registration is not sufficient to warrant continuance, to divide a class if enrollment is too large for effective instruction and to change instructors.



Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis College class, may complete that class. Any additional registrations will be dropped.

## CONCURRENT/CROSS-COLLEGE ENROLLMENT POLICY

Regis College students are eligible to register for 16 week semester courses offered in the other Regis University colleges. Regis College is committed to student success and the recognition that workload and time management are consistent obstacles to students' academic performance. Regis College restricts students' access to non-traditional format courses (e.g. 8-week and 5-week) while enrolled as a full-time student in the semester-based format. Students must receive approval from their academic advisor and the Regis College Dean's Office before enrolling in a non-traditional format course. The advisor and the dean will evaluate any potential non-traditional format course (heretofore referred to as "the Course") based on the following:

- The course is a key component of the degree program (major or minor) in which the student intends to complete.
- The course does not rely upon a foundational base of knowledge more suitable for working professionals.
- The course content addresses similar learning outcomes as the course requirement the student is intending to fulfill.
- The course is compatible with the student's course load to ensure a reasonable balance of academic demands and responsibilities.

## LEAVE OF ABSENCE

Students who decide to leave Regis College for one or two semesters and then plan to return have the option of applying for a leave of absence. This status guarantees them the same Core Studies and major/minor requirements that applied to them before leaving Regis and also allows them to preregister during the semester prior to their return. The Leave of Absence Application forms is available online through WebAdvisor. If a student does not complete a Leave of Absence form or if the leave of absence has expired (after two semesters), and later returns to Regis College, he/she must be readmitted to the College. The student is held to the current Core Studies and major/minor requirements. Requests for exceptions should be made in writing to the academic dean for Regis College.

## CONCURRENT ENROLLMENT AT ANOTHER COLLEGE OR UNIVERSITY

In order to insure acceptance of transfer credit once the student is enrolled at Regis University, students should submit the concurrent enrollment form available on WebAdvisor.

Concurrent Enrollment Request forms are processed by the Office of Academic Records and Registration and may be obtained online through WebAdvisor. Undergraduate students are not permitted to take the last 30 semester hours of coursework at another institution without permission of an associate dean for Regis College. A grade of "C-" or better must be earned for undergraduate coursework to be accepted in transfer.

## REGIS COLLEGE ATTENDANCE POLICY

Regis College's primary obligation is the total education of its students, and at the core of this commitment is an understanding that such an education occurs through the direct interaction between faculty and students in their classes. Therefore, for students to achieve success in their educational endeavors, they must conscientiously and regularly attend all of their classes. Freshmen in particular will be held accountable for maintaining regular attendance in their courses.

Faculty will, at the start of the semester, announce their specific procedures concerning class attendance, verification of excused absences, etc., in written form through the course syllabus. It is the student's responsibility to note these procedures and to follow them carefully.

## COLLEGE-SPONSORED ACTIVITY ABSENCE POLICY

Many Regis College students participate in extracurricular activities that are sponsored by the College. These activities will occasionally be held in times that conflict with regularly scheduled classes or exams. This policy is designed to clarify the obligations and responsibilities of participating students, their coaches or sponsors, and professors. The policy will distinguish between activities that are sustained throughout the semester or year (e.g., athletics or debate) and those that are one-time events (e.g., presenting or participating in a conference).

When students participate in College-sponsored activities, those absences from classes are considered excused. However, students are required to give faculty notice of these absences as early as possible, and to make arrangements with the faculty for completing all assignments and mastering the material of the course. In addition, faculty have the right to inform students, as well as their activity sponsors, if in the professor's judgment the student will be compromising their chances of success in the course because of the absences.

## ATTENDANCE AT FINAL EXAMINATIONS

Final examinations are assigned at the end of each semester. A student who is unable to take a final examination for a valid reason (i.e., emergency circumstances beyond the student's control) is eligible for a grade of Incomplete, which, if assigned, must be removed by the end of the next academic semester with the exception of spring semester. Incomplete grades assigned during spring semester must be finalized by the end of fall semester. A student must specifically request an Incomplete in writing from the instructor.

## GRADE REPORTS

All instructors in Regis College are required to submit mid-semester grades. Only end-of-semester grades are official and entered on the student's permanent record. By federal legislation (The Family Educational Rights and Privacy Act of 1974, as amended), grades can be released to parents or others only by specific request of the student, unless the parent claims the student as a dependent for federal income tax purposes and certifies this fact. Grade information cannot be released by

telephone or by fax; however, grade information and grade report requests may be accessed through WebAdvisor.

## APPEALS OF DISPUTED GRADES

Grade appeals for Regis College undergraduate students must be initiated within the first month of the semester following receipt of the grade. The following procedure is to be followed if a student wishes to protest a grade he or she received in a course:

1. The student raises the matter with the instructor in question. If the grade remains in dispute, the student should follow step 2.
2. At the student's request, the department chair arranges for a committee of three faculty members to review the case. The student and the teacher may each appoint one of these three. The third is to be chosen by the other two. The committee reviews evidence in any manner the committee deems equitable. (Typically, a written statement from each party that the other party can review and respond to in writing is the first step.) Oral presentations to the committee are sometimes also useful. Care should be taken lest either of the parties be intimidated through oral procedure. The committee recommends a solution.
3. The committee's decision is final, unless one of two circumstances occur: new and relevant information is made available that the committee did not see, or the process was not followed. The dissatisfied party appeals to the academic dean. The dean reviews the proceedings up to this point, obtains any new information deemed appropriate, and makes the final determination. Further appeals are not permitted.

## STUDENT CONDUCT

The community standards of conduct outlined in the Regis Student Handbook apply to students in academic classrooms and labs. Faculty members have the right to expect students to be respectful of their classmates and professors. If a student repeatedly engages in disruptive behavior in a classroom or lab that affects other students' ability to concentrate on the class, faculty members may instruct the student to leave the classroom.

Repeated disruption of classroom instruction will be referred to the Office of the Academic Dean and may result in the student being withdrawn from the course.

**If the conduct of a student threatens the safety of anyone in the room, the Office of Academic Dean has the right to withdraw the student after a single occurrence.**

A detailed summary of regulations and the student discipline process is available in the Regis University Student Handbook, which covers all University students. Students may request a copy of the Handbook from the Student Life Office located in the Student Center or access it online via the Regis University website.

## DEAN'S LIST

For fall and spring semesters, a Dean's List is created for Regis College undergraduate program students. A degree-seeking student who carries a semester load of 15 or more graded semester hours and who earns a minimum semester grade point

average of 3.700 is placed on the Dean's List. Students who request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of 15 letter-graded semester hours. Students who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.

## ACADEMIC STANDING AND PENALTIES

### Good Standing

A Regis College undergraduate student must maintain at least a 2.000 cumulative grade point average to be in good academic standing. The cumulative grade point average is computed by dividing the total number of grade points earned by the total number of credit hours attempted. A grade lower than "C-" in any upper division course in the major or minor area is not counted toward the major or minor. A passing grade lower than "C-" in other courses indicates an academic deficiency; however, these courses apply toward graduation.

At the end of each semester, students who are academically deficient, with grade point averages below 2.000, are reviewed by the Committee on Probation and Suspension. The committee may recommend to the academic dean for Regis College that one of the following actions be taken: academic warning, probation, suspension, or dismissal.

### Warning

A student with a semester grade point average below 2.000 and a cumulative grade point average above 2.000 is placed on academic warning. Although academic warning indicates an academic deficiency, it is not as severe as academic probation and is not posted on the student's permanent academic record (transcript).

### Probation

A student with a cumulative grade point average below 2.000 is placed on academic probation. The committee sets forth certain conditions that the student must meet within a specified time period. Although a student's grade point average is the primary determinant in decisions regarding probation, other stated conditions must be met in order to remain in the College. Failure to meet any of the specified conditions may result in suspension.

A student is not permitted to re-enroll unless he/she has agreed in writing to all conditions set forth. Academic probation is recorded on the student's permanent academic record (transcript).

### Academic Suspension

Academic suspension is action taken by Regis College for any probationary student with an unacceptable cumulative grade point average. Academic suspension renders him/her ineligible to return to Regis University for a period of 12 months. During that time the student must satisfactorily complete (grade of "C" or better) at least 12 semester hours (or equivalent quarter credits) at another regionally accredited institution. The student must obtain prior approval from Regis University of transferability of this coursework. This action may be taken for any student whose cumulative grade point average has fallen below 2.000. In addition, academic suspension may be taken for any student whose cumulative grade point average has fallen below a provisional

grade point average agreed upon between the student and the associate dean for Regis College. Academic suspension is recorded on the student's permanent academic record (transcript).

Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis College class, may complete that class. Any additional registrations will be dropped.

#### *Suspension Criteria*

- Any student on academic probation whose cumulative grade point average has fallen below the minimum standard established for his/her class level is, under ordinary circumstances, suspended.

Class	Hours Attempted	GPA
Freshman	0 to 29	1.800
Sophomore	30 to 59	2.000
Junior	60 to 91	2.000
Senior	92 or more	2.000

- Any student on academic probation whose cumulative grade point average has fallen below 2.000, may be suspended (the table in item 1 notwithstanding). Any transfer student accepted by Regis College (undergraduate program) on probation for the first 12 to 15 semester hours may be suspended at the completion of the 12 to 15 hours if his/her Regis cumulative grade point average is below 2.000.
- Any student who has met an agreed-upon provisional grade point average for the semester may be given the status of Probation Continued. This is a student (usually a freshman) who has earned an extremely low cumulative grade point average and, consequently, finds it almost mathematically impossible to attain a sufficiently high grade point average to be restored to Good Standing or even to be placed above the minimum for his/her class level. Such students have entered into an agreement with the associate dean for Regis College who acts on behalf of the Committee on Probation and Suspension. The agreed-upon grade point average is set within a range of what is a fair and reasonable expectation for the student in question (frequently between 2.000 and 2.300). A student failing to make the agreed-upon grade point average for the semester is suspended.
- Three semesters are the maximum a student may be on probation during his/her academic career. Thereafter, failure to maintain a 2.000 cumulative grade point average results in automatic suspension.
- Students on probation will normally be expected to maintain and complete a full-time schedule (minimum 12 credit hours). Students on probation will only be allowed to reduce their schedules to 11 hours or fewer with the approval of both their academic advisor and the Probation Director. Unspecified students are held to the same standards as full-time students.

#### **Academic Dismissal**

Academic dismissal is action taken by Regis College that renders the student ineligible to return to Regis University for any program of study. For this action to be taken, an undergraduate student must have been suspended, applied for and re-admitted to Regis College on academic probation, and failed to achieve either the required minimum 2.000 grade point average, the minimum standards for his/her class level, or an agreed-upon provisional grade point average. The provisional grade point average is pre-determined by the student and the associate dean for Regis College. Academic dismissal is recorded on the permanent academic record (transcript).

#### *Appealing the Suspension or Dismissal Decision*

Upon being notified of academic suspension or dismissal, a student who wishes to appeal should write a letter to the Chair of the Appeals Committee and follow the procedures listed below:

- Why the suspension/dismissal decision should be reversed, including the student's honest assessment of how the academic troubles came about, and some indication that the student is ready to continue serious academic work.
- Why the student failed to achieve the required grade point average. Were there, for example, any extenuating circumstances beyond the student's control?
- The names of the student's advisor or faculty members from whom supporting statements may be solicited by the student.
- Submit the letter by the deadline stated in the letter of suspension or dismissal.
- Contact the advisor, faculty members, doctors, etc., to discuss the case. Any supporting statements from them must be received by the same deadline. The appeals committee is interested in any pertinent information that has genuine bearing on the matter. The committee focuses on why the student should be allowed to continue study at the University, and why the student failed to reach his or her academic goals.

## **PROGRAM OF STUDY**

### **ANTHROPOLOGY, SOCIOLOGY and CRIMINAL JUSTICE**

Dr. Damien Thompson, Associate Professor, Chairperson

Dr. Gilbert Gardner, Associate Professor

Dr. Damla Isik, Associate Professor

Dr. Eve Passerini, Associate Professor

Dr. Jude Fokwang, Assistant Professor

Mr. James Bullington, Lecturer

**Bachelor of Arts in Anthropology 36 SH***Lower Division Requirements 12 SH*

AN/SO 204--Introduction to Cultural Anthropology 3 SH

AN 300--Writing Culture 3 SH

BL 208--Biological Anthropology and Archeology 3 SH

SO 200--Introduction to Sociology  
of

SO 203--Social Problems 3 SH

*Upper Division Requirements 24 SH*

AN/CJ/SO 402--Ethnography Research Methods 3 SH

SO 403--Sociological Theory 3 SH

AN 499--Major's Seminar 3 SH

Upper Division (400-level) Anthropology Electives 15 SH

**Anthropology Minor 15 SH***Lower Division Requirements 3 SH*

AN/SO 204--Introduction to Cultural Anthropology 3 SH

*Upper Division Requirements 12 SH*

Upper Division (400-level) Anthropology Electives 12 SH

**Bachelor of Arts in Criminal Justice 36 SH**

Criminology is the critical analysis of the social, political, and economic factors contributing to crime and the social response to crime. The program encourages students to become involved in service activities related to prisoners, parolees, crime victims, youthful offenders, the court system, etc.

*Lower Division Requirements 9 SH*

SO 200--Introduction to Sociology 3 SH

AN/SO 204--Intro to Cultural Anthropology 3 SH

SO 300--Writing Culture 3 SH

*Upper Division Requirements 27 SH*AN/CJ/SO 402--Ethnography Research Methods  
or

AN/SO 404--Survey for Social Change 3 SH

CJ/SO/PJ 422--Diversity in U. S. Society 3 SH

CJ 450--Criminology 3 SH

CR 498E-W--Internship in Criminology 3 SH

SO 403--Sociological Theory 3 SH

Upper Division (400-level) Criminology Electives 12 SH

Twelve additional upper division semester hours of Criminology selected with the approval of the major advisor.

**Criminal Justice Minor 18 SH**

Three semester hours selected from the following:

SO 200--Introduction to Sociology

or

AN/SO 204--Intro to Cultural Anthropology 3 SH

*Upper Division Requirements 15 SH*

CJ 450--Criminology 3 SH

Twelve additional upper division semester hours of Criminology selected with the approval of the major advisor.

**Bachelor of Arts in Sociology 36 SH***Lower Division Requirements 9 SH*

SO 200/SO 200C--Introduction to Sociology 3 SH

SO 204--Introduction to Cultural Anthropology 3 SH

SO 300--Writing Culture 3 SH

*Upper Division Requirements 27 SH*

Twenty-seven upper division semester hours of Sociology courses, which must include:

AN/CJ/SO 402--Ethnography Research Methods 3 SH

SO 403--Sociological Theory 3 SH

SO 404--Surveys of Social Change 3 SH

SO 499--Majors Seminar 3 SH

Upper Division Sociology Electives 15 SH

**Community Food Systems Minor 15 SH**

AN 421--Introduction to Community Food Systems 3 SH

AN 495--Practicum in Community Food Systems 6 SH

Six semester hours selected from the following:

AN/SO 411--Food, Gender and Culture 3 SH

AN/SO 469Q--Introduction to Permaculture: Designing your  
Life 3 SH

ENVS 424/PJ 480--Justice Oriented Farming Practices 3 SH

ENVS 407--History and Practices of Communal  
Environmentalism 3 SH

AN/SO 412/PJ 426--Food Justice 3 SH

ENVS/PJ/SO 441--Sustainable Communities 3 SH

**Sociology Minor****15 SH***Lower Division Requirements*

3 SH

SO 200/SO 200C--Introduction to Sociology

3 SH

*Upper Division Requirements*

12 SH

Twelve upper division semester hours of Sociology courses selected with the approval of the major advisor.

**BIOLOGY**

Dr. Jay Campisi, Associate Professor, Chairperson

Dr. Michael Ghedotti, Professor

Dr. Catherine Kleier, Professor

Dr. John Sakulich, Associate Professor

Dr. Amy Schreier, Associate Professor

Dr. Max Boeck, Assistant Professor

Dr. Jennifer Grier, Assistant Professor

Dr. Gena Nichols, Assistant Professor

Dr. Kristofer Voss, Assistant Professor

Dr. Melanie Badtke, Senior Term Professor

Mr. Matthew Peetz, Term Professor

Dr. Karin Streifel, Term Instructor

The Biology Department offers two degrees, a Bachelor of Science and a Bachelor of Arts in Biology. An Honors-in-Biology option is available for the Bachelor of Science degree. An optional specialization in Molecular Biology and Genetics or Ecology and Evolution is available for all Biology degrees.

The Bachelor of Science in Biology is designed to provide a broad knowledge of science including a strong background in Chemistry, Physics, and Biology. This degree is designed for those interested in pursuing advanced degrees in medicine, dentistry, veterinary science, or certain graduate programs in the natural sciences, as well as for those interested in biotechnology or various other biology-based careers.

The Honors-in-Biology option is designed to add a rigorous independent research component to the Bachelor of Science degree in Biology to better prepare students for graduate and professional schools or for research-oriented laboratory work.

The Bachelor of Arts in Biology is designed to allow flexibility while ensuring a strong background in Biology. The importance of biology in the modern world has made the combination of a strong background in biology with other fields of study a valuable endeavor. This degree is designed for those interested in pursuing advanced degrees in law, business, certain health science fields, education, or graduate programs outside of the natural sciences, as well as for those generally interested in combining an understanding of biology with a study of fields outside of the natural sciences such as education or business. This program is

particularly amenable to combination with another major or minor.

**Bachelor of Science in Biology Major****64 SH**

BL 260--Principles of Biology: Molecular and Cellular\* 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic\* 3 SH

BL 263--Organismic Biology Laboratory 1 SH

CH 210--General Chemistry I 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

CH 250--Organic Chemistry I 4 SH

CH 251--Organic Chemistry Laboratory I 1 SH

CH 420--Organic Chemistry II 3 SH

CH 421--Organic Chemistry Laboratory II 2 SH

MT 272/MT 272C--Statistics for the Life Sciences 3 SH

\*May be taken in any sequence.

One of the following 8 semester hour options of physics:

- PH 202A--General Physics with Trigonometry I 3 SH
- PH 205A--General Physics with Trigonometry Laboratory I 1 SH
- PH 202B--General Physics with Trigonometry II 3 SH
- PH 205B--General Physics with Trigonometry Laboratory II 1 SH
- PH 304A--General Physics with Calculus I 3 SH
- PH 305A--General Physics with Calculus Laboratory I 1 SH
- PH 304B--General Physics with Calculus II 3 SH
- PH 305B--General Physics with Calculus Laboratory II 1 SH

A minimum of 25 upper division semester hours of biology which must include:

BL 402--Principles of Ecology 3 SH

BL 403--Ecology Laboratory 1 SH

BL 414--Principles of Genetics 3 SH

BL 415--Genetics Laboratory 1 SH

BL 494--Seminar in Biology, Society, and Ethics\* 1 SH

BL 495--Seminar in Biology Research Literature\* 1 SH

BL 496--Biology Research Colloquium\* 1 SH

Upper Division Biology Electives or completion \*\* 14 SH

\*These courses must be taken in sequential course-number order.

\*\* The upper division electives must include a minimum of one upper division laboratory course. BL 498E-W--Internship in Biology will not count toward upper division biology elective hours for the B.S. in Biology.

NOTE: Students interested in medical school, dental school, veterinary school or other graduate programs should consult those schools for additional requirements.

### **Honors-In-Biology Major 66 SH**

Students completing the Honors-in-Biology option are required to complete the requirements listed for the Bachelor of Science in Biology major and the following courses; however, BL 491E-W also fulfills three semester hours of the upper division biology elective requirement for the Bachelor of Science in Biology major.

BL 491E-W--Undergraduate Research in Biology 3 SH

BL 499A--Senior Thesis I\* 1 SH

BL 499B--Senior Thesis II\* 1 SH

\* Senior Thesis is graded on a Pass/No Pass basis.

Candidacy must be approved by the chairperson of the Department of Biology. The candidate must:

1. Select a thesis advisor and submit a preliminary thesis proposal.
2. Complete a long-term research project for Undergraduate Research in Biology credit over at least three semesters.
3. Complete Thesis I requirements which will include:
  - a. Submitting a detailed thesis outline to the thesis advisor and Senior Thesis I instructor before the mid-semester break.
  - b. Submitting a partial thesis draft including the literature review components and the Materials and Methods section(s) to the thesis advisor and Senior Thesis I instructor before the course withdrawal deadline.
4. Complete Senior Thesis II requirements by:
  - a. Submitting a draft thesis to the thesis advisor before the mid-semester break.
  - b. Submitting a final thesis (conforming to formatting guidelines provided by the Biology Department) for approval to an examination committee of three faculty (including the thesis advisor and at least two Regis Biology Department faculty) before the course withdrawal deadline.
5. Defending his/her thesis before the examination committee in a public forum followed by a discussion with the committee.

It is recommended that students apply for candidacy in the Honors-in-Biology program in their Sophomore year.

### **Bachelor of Arts in Biology Major 46 SH**

BL 260--Principles of Biology: Molecular and Cellular\* 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic\* 3 SH

BL 263--Organismic Biology Laboratory 1 SH

CH 210--General Chemistry I 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

MT 272/MT 272C--Statistics for the Life Sciences 3 SH

\* May be taken in any sequence.

A minimum of 25 upper division semester hours of biology which must include:

BL 402--Principles of Ecology 3 SH

BL 403--Ecology Laboratory 1 SH

BL 414--Principles of Genetics 3 SH

BL 415--Genetics Laboratory 1 SH

BL 494--Seminar in Biology, Society, and Ethics\* 1 SH

BL 495--Seminar in Biology Research Literature\* 1 SH

BL 496--Biology Research Colloquium\* 1 SH

Upper Division Biology Electives\*\* 14 SH

\*These course must be taken in sequential course-number order.

\*\* The upper division electives must include a minimum of one upper division laboratory course. BL 498E-W--Internship in Biology may fulfill upper division biology elective hours for the B.A. in Biology.

NOTE: Students interested in secondary education, law school, physical therapy, graduate programs in business, programs in health science fields, or other graduate schools should consult those schools for additional requirements.

### **Specializations (Optional) 14-15 SH**

A specialization is optional for either the B.S. in Biology or the B.A. in Biology and is a specified set of courses taken within the 14 semester hours of upper division biology electives for a biology major.

#### **Ecology and Evolution 14 SH**

Students may complete this specialization with any Biology degree. Student completing this specialization must complete the following upper division biology course.

BL 464--Evolution 3 SH

Upper Division Biology General Electives 3 SH

Plus a minimum of eight semester hours selected from the following upper division biology courses, which must include at least one Laboratory:

BL 406--Human and Comparative Anatomy	3 SH
BL 407--Human and Comparative Anatomy Laboratory	1 SH
BL 410--Aquatic Ecology	3 SH
BL 428--Conservation Biology	3 SH
BL 435--Advanced Field Ecology Laboratory	2 SH
BL 436--Human and Comparative Physiology	3 SH
BL 446--Marine Biology	3 SH
BL 448--Plant Diversity and Ecology	3 SH
BL 458--Behavioral Ecology	3 SH
BL 460--Forest and Landscape Ecology	3 SH
BL 462--Primate Ecology and Behavior	3 SH

### **Molecular Biology and Genetics 14 SH**

Students may complete this specialization with any Biology degree. Students completing this specialization must complete the following upper division biology courses:

BL 426--Molecular Biology	3 SH
BL 427--Molecular Biology Laboratory	1 SH
Upper Division Biology General Electives	3SH

Plus a minimum of seven semester hours selected from the following upper division biology courses:

BL 412--Developmental Biology	3 SH
BL 416--Molecular and Cellular Biochemistry	3 SH
BL 418--Microbiology	3 SH
BL 419--Microbiology Laboratory	1 SH
BL 420--Human Genomics	3 SH
BL 424--Cell and Cancer Biology	3 SH
BL 466--Immunology	3 SH

### **Biology Minor 20 SH**

<i>Lower Division Requirements</i>	8 SH
BL 260--Principles of Biology: Molecular and Cellular*	3 SH
BL 261--Molecular and Cellular Biology Laboratory	1 SH
BL 262--Principles of Biology: Organismic*	3 SH
BL 263--Organismic Biology Laboratory	1 SH

\* May be taken in any sequence.

### *Upper Division Requirements*

12 SH

A minimum of 12 upper division semester hours of biology which must include one upper division course with accompanying laboratory.

## **CATHOLIC STUDIES**

Dr. Julia Brumbaugh, Associate Professor, Interim Program Director

A major in Catholic Studies is not available.

The Catholic Studies Program seeks to develop interdisciplinary understanding of the Catholic Christian tradition in relation to human culture. The courses examine historical and/or contemporary relationships between Catholic tradition and intellectual thought, society, politics, morality, spirituality, economics, science, media, literature, the arts, and other dimensions of culture. Faculty from a variety of academic disciplines teach the Catholic Studies courses.

### **Catholic Studies Minor 15 SH**

*Lower Division Requirements* 3 SH

CAS 300E-W--Foundations of Catholic Traditions 3 SH

*Upper Division Requirements* 12 SH

Twelve upper division semester hours of Catholic Studies courses selected with the approval of the major advisor and in consultation with the program director. Students interested in a minor in Catholic Studies should contact the Director of the Catholic Studies Program.

## **CHEMISTRY**

Dr. John Jean, Associate Professor, Chairperson

Dr. Surendra Mahapatro, Professor

Dr. Kimberley Waldron, Professor

Dr. Kateri Ahrendt, Associate Professor

Dr. Stacy Chamberlin, Associate Professor

Dr. Nick Kallan, Assistant Professor

Dr. Lynetta Mier, Assistant Professor

Dr. Kellen Sorauf, Lecturer/Lab Manager

## **DEPARTMENTAL INFORMATION**

The Department of Chemistry offers two degree tracks: Bachelor of Science in Chemistry and Bachelor of Science in Biochemistry. Within each major track there are two options: Standard and ACS-certified.



The Standard Chemistry and Biochemistry options are designed to meet the core academic needs of students who plan to pursue careers in secondary education, those who plan on attending medical or dental school, or any student who seeks a firm grounding in chemistry, but does not plan to pursue advanced studies or employment in the field.

The ACS-certified programs require more upper-division coursework than the standard programs and follow the curriculum guidelines recommended by the American Chemical Society Committee on Professional Training. These programs are designed for students planning to enter graduate school or those planning on careers in research and development in the chemical, pharmaceutical, or biotechnology industries.

All four degree programs require 8 semester hours of calculus and 8 semester hours of calculus-based physics. In addition, the Biochemistry programs require 8 semester hours of lower-division biology and 4 semester hours of upper-division coursework in biology.

The minimum passing grade for any course taken towards satisfying the major requirements for a Chemistry or Biochemistry degree is a C-. This standard applies to all lower- and upper-division courses and all other science and math courses required for the major.

### **Bachelor of Science in Chemistry 55 SH**

*Lower Division Requirements 32 SH*

CH 210--General Chemistry I\* 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

CH 250--Organic Chemistry I 4 SH

CH 251--Organic Chemistry Laboratory I 1 SH

CH 310--Quantitative Analysis Laboratory 1 SH

MT 360A--Calculus I\*\* 4 SH

MT 360B--Calculus II 4 SH

PH 304A--General Physics with Calculus I 3 SH

PH 305A--General Physics with Calculus Laboratory I 1 SH

PH 304B--General Physics with Calculus II 3 SH

PH 305B--General Physics with Calculus Laboratory II 1 SH

\* Prerequisite: ACT score > 22 or a C- or better in CH 209 – Introduction to College Chemistry

\*\* Prerequisite may be required depending on mathematics placement.

*Upper Division Requirements 23 SH*

Twenty-three upper division semester hours of Chemistry courses, which must include:

CH 420--Organic Chemistry II 3 SH

CH 421--Organic Chemistry Laboratory II 2 SH

CH 428--Synthesis and Characterization Laboratory 2 SH

CH 431--Physical and Computational Chemistry Laboratory 2 SH

CH 430A--Thermodynamics and Kinetics 3 SH

CH 430B--Quantum Theory and Spectroscopy 3 SH

CH 440--Instrumental Analysis 2 SH

CH 441--Instrumental Analysis Laboratory 2 SH

CH 466--Modern Inorganic Chemistry 3 SH

CH 495--Seminar in Chemistry 1 SH

### **Bachelor of Science in Chemistry-ACS Certified 59 SH**

In addition to the requirements listed above for the Traditional Chemistry degree, the ACS-certified program requires completion of the following courses:

CH 452A--Biochemistry I 3 SH

CH 499A--Research Experience in Chemistry or Biochemistry 1 SH

### **Chemistry Minor 27 SH**

*Lower Division Requirements 15 SH*

CH 210--General Chemistry I\* 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

CH 250--Organic Chemistry I 4 SH

CH 251--Organic Chemistry Laboratory I 1 SH

\* Prerequisite: ACT score > 22 or a C- or better in CH 209 – Introduction to College Chemistry

*Upper Division Requirements 12 SH*

Twelve upper division semester hours, which must include:

CH 420--Organic Chemistry II 3 SH

CH 421--Organic Chemistry Laboratory II 2 SH

### **Bachelor of Science in Biochemistry 67 SH**

*Lower Division Requirements 40 SH*

BL 260--Principles of Biology: Molecular and Cellular 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic\* 3 SH

BL 263--Organismic Biology Laboratory	1 SH
CH 210--General Chemistry I*	4 SH
CH 211--General Chemistry Laboratory I	1 SH
CH 230--General Chemistry II	4 SH
CH 231--General Chemistry Laboratory II	1 SH
CH 250--Organic Chemistry I	4 SH
CH 251--Organic Chemistry Laboratory I	1 SH
CH 310--Quantitative Analysis Laboratory	1 SH
MT 360A--Calculus I**	4 SH
MT 360B--Calculus II	4 SH
PH 304A--General Physics with Calculus I	3 SH
PH 305A--General Physics with Calculus Laboratory I	1 SH
PH 304B--General Physics with Calculus II	3 SH
PH 305B--General Physics with Calculus Laboratory II	1 SH
* Prerequisite: ACT score > 22 or a C- or better in CH 209 -- Introduction to College Chemistry	
** Prerequisite may be required depending on mathematics placement.	
<i>Upper Division Requirements</i>	27 SH
BL 426--Molecular Biology	3 SH
BL 427--Molecular Biology Laboratory	1 SH
CH 420--Organic Chemistry II	3 SH
CH 421--Organic Chemistry Laboratory II	2 SH
CH 428--Synthesis and Characterization Laboratory or	
CH 431--Physical and Computational Laboratory	2 SH
CH 430A--Thermodynamics and Kinetics	3 SH
CH 440--Instrumental Analysis	2 SH
CH 441--Instrumental Analysis Laboratory	2 SH
CH 452A--Biochemistry I	3 SH
CH 452B--Biochemistry II	3 SH
CH 453--Biochemistry Laboratory	2 SH
CH 495--Seminar in Chemistry	1 SH

**Bachelor of Science in Biochemistry--****ACS Certified****71 SH**

In addition to the requirements listed above for the Traditional Chemistry degree, the ACS-certified program requires completion of the following courses:

CH 466--Modern Inorganic Chemistry	3 SH
CH 490E--Research in Physical Chemistry	1 SH

**COMMUNICATION**

Mr. John Hickey, Acting Chairperson

Dr. Janellen Hill, Professor

Dr. Janna Goodwin, Associate Professor

Dr. Arne G'Schwind, Associate Professor

Dr. Robert Margesson, Associate Professor

Dr. Sue Sci, Assistant Professor

Dr. Meghan Sobel, Assistant Professor

Dr. Emily Stones, Visiting Assistant Professor

Mr. Ian Dawe, Term Instructor and Highlander Advisor

**DEPARTMENTAL INFORMATION**

The Communication major, courses and curriculum strive to:

- Actively engage students in the notions of justice and the common good grounded in questions, approaches and perspectives central to Communication Studies today.
- Be characterized by a culture of experience/reflection/action through engagement with the world both within and outside our campus.
- Offer a cohesive major experience with courses that build upon each other leading to a culminating capstone experience.
- Introduce, focus upon and critically explore three specific areas in which communication matters: Identity, Community and, Culture, Media and Society and Public Relations and Civic Engagement.

**SPECIALIZATION DESCRIPTIONS**

When "**communication**" is situated in the contexts of identity, community and culture, students begin to understand human experiences as *systemic, co-created, emergent, narrative and performed*.

A track that emphasizes **Human Communication** is likely to include courses in interpersonal and intercultural communication, relationships, conflict and dialogue, persuasion and performance, cultural institutions and meanings, and some forms of public communication and to be concerned with processes, practices and patterns as well as with description, understanding, intervention and change. At Regis, a commitment to social justice and the common good underpins these central questions and concerns."

The goal of the **Media & Society** track is to educate and guide students so that they may be informed, ethical and creative practitioners, leaders, critics and consumers in the professions and industries of the mass media. With an emphasis on practical application through community engagement, students will have opportunities to write for the Highlander, produce a show for KRCX, or record and mix a live performance among others.

The **Public Relations and Civic Engagement** track seeks to provide students with the knowledge and skills required to

transition from college into a business/professional environment. In alignment with the values of Regis University, the track emphasizes community engagement through volunteerism, service learning, and the Internship program. Students in the track are also exposed to ethical, values-driven theory in the Communication Theory, Persuasion and Argumentation, and Communication Ethics courses. It is the goal of the track to train students to be ethical actors in the business community and to use the skills crafted by the track to support community conscious organizations.

### **Communication Major 39 SH**

*Required Courses – All emphasis areas*

COM 300--Career and Professional Portfolio	3 SH
COM 380--Communication: Questions, Contexts, and Theory	3 SH
COM 381--Research Methods in Communication	3 SH
COM 427--Communication Ethics	3 SH
COM 495--Senior Capstone Experience	3 SH
COM 498M/498O/498P--Internship in Communication	3 SH

Choose one of the following specialization areas:

<i>Human Communication (HC)</i>	6 SH
COM 400A--Interpersonal Communication	3 SH
COM 400--Intercultural Communication	3 SH
<i>Media and Society (MS)</i>	6 SH
COM 409A--American Media Institutions	3 SH
COM 409B--Critical Media Studies	3 SH
<i>Public Relations and Community Engagement (PR)</i>	6 SH
COM 416A--Principles of Public Relations	3 SH
COM 416B--Strategic Public Relations	3 SH
<i>Upper Division Electives</i>	15 SH

Fifteen semester hours of specialization electives selected from the following:

*(HC) Human Communication Electives*

*(MS) Media & Society Emphasis Electives*

*(PR) Public Relations and Community Engagement Emphasis Electives*

COM 402--Media Aesthetics (MS, PR)	3 SH
COM 405--Interpersonal Conflict Studies (HC, PR)	3 SH
COM 411--Performance of Self & Society (HC, PR)	3 SH
COM 413--Strategies of Dialogue (HC, PR)	3 SH

COM 418--Organizational Communication (HC, MS, PR)	3 SH
COM 419--Performing Changes: Theatre. Civic Engagement and Social Justice (HC, PR)	3 SH
COM 421--Persuasion and Argumentation (HC, MS, PR)	3 SH
COM 424--New Communication Technologies (HC, MS, PR)	3 SH
COM 425--Video Production (HC, MS, PR)	4 SH
COM 428--Media and Politics (HC, MS, PR)	3 SH
COM 430--Music and Audio Technology (MS, PR)	3 SH
COM 432--Advertising Theory and Practice (MS, PR)	3 SH
COM 440--Gender, Sexuality and Communication (HC, MS, PR)	3 SH
COM 443--Freedom of Speech (HC, MS, PR)	3 SH
COM 445--Television Programming and Criticism (MS)	3 SH
COM 456--Culture & Politics of Public Memory (HC, MS, PR)	3 SH
COM 457E-W--Special Topics: Communication and Diversity	3 SH
COM 458E-W--Special Topics: Communication and Environment (HC, MS, PR)	3 SH
COM 459E-W--Special Topics: Communication and Justice (HC, MS, PR)	3 SH
COM 464E-W--Film Criticism (MS)	3 SH
COM 485E-W--Special Topics in Communication (HC, MS, PR)	3 SH
COM 486--Mass Communication and Society (HC, MS, PR)	3 SH
COM 490E-W--Independent Study (HC, MS, PR)	1-6 SH

### **Communication Minor 15 SH**

*Lower Division Requirements 6 SH*

COM 380--Communication: Questions, Contexts, and Theory	3 SH
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*Upper Division Requirements 12 SH*

Twelve upper division semester hours of Communication courses selected with the approval of the major advisor.

### **Conflict Studies Minor 12 SH**

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of Communication/Conflict Studies courses selected with the approval of the major advisor.

## EDUCATION

Dr. Elizabeth Grassi, Professor, Co-Chairperson

Dr. Heidi Barker, Professor, Co-Chairperson

Dr. Joan Armon, Associate Professor

Dr. John Beltramo, Assistant Professor

Ms. Nan Williams, Assistant Professor

The teacher education program in Regis College actively engages teacher candidates in collaborative, reflective, and challenging learning experiences that wholly develop their capabilities as committed, caring, and qualified educators. Education students are actively involved in urban and diverse field experiences beginning with their introductory education courses.

Regis College Education Department offers professional licensure in elementary, secondary, and K-12 art, music, and foreign language. A unique feature of our teaching program requires all students to complete an additional endorsement in Culturally and Linguistically Diverse Education in conjunction with their secondary, elementary or K-12 license. Students also have the option to complete coursework in conjunction with a Secondary, Elementary, or K-12 license for an endorsement in Special Education Generalist.

Students also have an option of completing minors or concentrations of study with the education department. These minors can be earned in addition to teaching licensure or independent from a teaching license. The minors include Special Education and Culturally and Linguistically Diverse Education. (For details on these minors, see sections after the licensure sequences listed below.)

Teaching licensure can be pursued as an undergraduate or as a graduate student in the Master of Arts in Education: Graduate Teacher Licensure Program. (For details on the Graduate Teacher Licensure Program, see Regis College Graduate Programs section of catalog.)

All students enrolled in the Teacher Licensure Program at Regis College must have co-academic advisors, one in the major field and one in the Education Department.

The programs leading to recommendation for licensure, either at the elementary level or in a particular subject area at the secondary level, contain their own specific requirements. These requirements are listed on the advising sheet pertinent to that subject area. The advising sheets are available from an advisor in the Education Department. It is the student's responsibility to meet the requirements listed on that advising sheet.

The Regis Education Department Teacher Licensure Program is subject to the laws and regulations mandated by the Colorado State Board of Education and by the Colorado State Legislature. Changes in these laws and regulations can occur with little notice. Resulting modifications in the Regis program are communicated to students as soon as they are mandated by law.

## TEACHER LICENSURE SEQUENCE

As a professional state licensure program, students may have requirements beyond those in Regis College. Performance and

licensure standards can be found in the student handbook and on the Colorado Department of Education website. In addition students will adhere to the Dispositions of Teaching located in the student handbook.

The professional sequence of education courses at Regis are designed to lead to licensure at either the K-6, 7-12, or K-12 grade levels in Colorado. Regis students enrolled in this sequence begin developing teacher performance, dispositions, and knowledge during their first courses and initial field experiences. This developmental process is monitored by the Regis Education Department faculty, and students are evaluated each semester on their progress in this process. Evaluations are based on their work at Regis and in their fieldwork in the actual K-6, 7-12, or K-12 classroom. Regis students who begin this sequence may be counseled to pursue a profession other than teaching if their progress in one or all aspects of the sequence is considered unsatisfactory or if they do not manifest sufficient mastery of the skills necessary for successful entry into the teaching profession. A deficiency in one or more of these behaviors may be denied admission by the COTER, or removal, or probation from the program at any point.

For students with a B.A. or B.S. seeking teacher licensure, Regis College MAE department offers the Master of Arts in Education Graduate Teacher Program. This program provides College graduates a licensure track with a master's degree. For information about this licensure option, refer to the Regis College Master of Arts in Education Graduate Teacher Licensure Program that follows in this section of the *Catalog*.

### Private/Parochial Track

Students who intend to teach in the private/parochial sector may complete a portion of their fieldwork in private or parochial school in consultation with their academic advisor. Coursework is parallel to the licensure sequences below.

## ELEMENTARY EDUCATION

There are two pathways for completing licensure in Elementary Education: 1.) Completing a content major and the list of required education courses, or 2.) Completing the Elementary Education: Teaching for Social Justice Major. All Elementary Education licensure candidates complete requirements for the Culturally and Linguistically Diverse Endorsement as a part of their program. The two pathways are listed in the following sections.

### Elementary Education: Teaching for Social Justice Major

Successful completion of the following program at Regis may qualify a student to be recommended for licensure as an elementary teacher in Colorado. Students completing this major have the option to include coursework for a Special Education Generalist Endorsement and also complete required coursework for the Culturally and Linguistically Diverse endorsement.

#### Lower Division Requirements

ED 204--Foundations of Education for Diverse Learners	3 SH
ED 207A/B--Fall/Spring Tutoring Laboratory	0 SH

ED 300--Physical and Cultural Geography	3 SH
ED 306--Assessment of Learning	3 SH
ED 380E-W--Field Work in Schools	0 SH
MT 225--Mastery of Foundational Mathematics	3 SH

## Physical Education and Health Science Course

*Upper Division Requirements*

ED/EDSP 401--Teaching the Exceptional Student in the General Education Classroom	3 SH
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ED/EDLT 403A--Elementary Reading and Writing: Content, Instruction, and Assessment	3 SH
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ED 410--Language, Literacy and Linguistics for Educators	3 SH
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ED 417A/B--Elementary Student Teaching	3 - 8 SH
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ED 418A--Elementary Science: Content, Instruction, And Assessment	3 SH
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ED 418B--Elementary Math: Content, Instruction, and Assessment	3 SH
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ED 418D--Elementary Social Studies: Content, Instruction, and Assessment	3 SH
--	------

ED 439--Practicum: Culturally and Linguistically Diverse	0 SH
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ED/EDLT 447--Multicultural Literature and Literacy Across the Elementary Curriculum	3 SH
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ED 485--Theories, Strategies, and Assessment for Culturally and Linguistically Diverse K-12	3 SH
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ED 495--Student Teacher Seminar	1 SH
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EDLD 403--Assessment of the Diverse Learner	3 SH
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EDLD 475--Linguistics for Teachers of Culturally and Linguistically Diverse Students	3 SH
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<i>Teaching for Social Justice Component</i>	21 SH
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## Academic Discipline Concentration

Courses selected in consultation with the academic advisor	9 SH
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**Special Education Focus**

EDSP 380--Special Education Practicum	0 SH
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EDSP 402--Collaboration for the Exceptional Student	3 SH
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EDSP 404--Instruction for the Exceptional Student	3 SH
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EDSP 405--Literacy Intervention	3 SH
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EDSP 406--Positive Behavior Interventions and Support	3 SH
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**Additional Elementary Education Licensure Requirements**

Candidates for teacher licensure in Elementary Education in the State of Colorado must have received liberal arts preparation in the following areas:

Art

Music

United States History

Two Sciences (one Biological and one Physical Science)\*

Physical Education and Health (Nutrition, Wellness, Fitness, or First Aid Responder)

General Psychology

\*In order for the science courses to meet both the Regis College Core Studies requirements and the teacher licensure requirements, one science course must include a laboratory.

**Elementary Education Teacher Licensure Requirements**

Successful completion of the following program at Regis may qualify a student to be recommended for licensure as an elementary teacher in Colorado. Students completing this pathway must complete a content area major in addition to the following courses.

MT 225--Mastery of Foundational Mathematics	3 SH
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ED 204--Foundations of Education for Diverse Learners	3 SH
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ED 207A/B--Fall/Spring Tutoring Laboratory	0 SH
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ED 300--Physical and Cultural Geography	3 SH
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ED 306--Assessment of Learning	3 SH
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ED 380E-W--Field Work in Schools (3 sections minimum)	0 SH
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ED/EDSP 401--Teaching the Exceptional Student in the General Education Classroom	3 SH
--	------

ED/EDLT 403A--Elementary Reading and Writing: Content, Instruction, and Assessment	3 SH
--	------

ED 410--Language, Literacy and Linguistics for Educators	3 SH
--	------

ED 417A/B--Elementary Student Teaching	3 - 8 SH
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ED 418A--Elementary Science: Content, Instruction, and Assessment	3 SH
---	------

ED 418B--Elementary Math: Content, Instruction, and Assessment	3 SH
--	------

ED 418D--Elementary Social Studies: Content, Instruction, and Assessment	3 SH
--	------

ED 439--Practicum: Culturally and Linguistically Diverse	0 SH
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ED/EDLT 447--Multicultural Literature and Literacy Across the Elementary Curriculum	3 SH
ED 485--Theories, Strategies, and Assessment for Culturally and Linguistically Diverse K-12	3 SH
ED 495--Student Teacher Seminar	1 SH
EDSP/EDLD 403--Assessment of the Diverse Learner	3 SH
EDLD 475--Linguistics for Teachers of Culturally and Linguistically Diverse Students	3 SH

### Additional Elementary Education Licensure Requirements

Candidates for teacher licensure in Elementary Education in the State of Colorado must have received liberal arts preparation in the following areas:

Art

Music

United States History

Two Sciences (one Biological and one Physical Science)\*

Physical Education and Health (Nutrition, Wellness, Fitness, or First Aid Responder)

General Psychology

\* In order for the science courses to meet both the Regis College Core Studies requirements and the teacher licensure requirements, one science course must include a laboratory.

## SECONDARY EDUCATION

There are specific content areas allowed for secondary licensure: Math, Language Arts, Social Studies, Business, and Science. Each subject area in which there is a secondary teacher education program has parallel requirements specifically developed for that particular subject area. Students are also responsible for completing those requirements. Students completing a secondary license have the option to include coursework for a Special Education Generalist Endorsement and will also complete required coursework for the Culturally and Linguistically Diverse Endorsement.

### Secondary Education Teacher Licensure Requirements (Education Course Requirements Only)

Successful completion of the following requirements may qualify a student to be recommended for licensure in a specific subject area at the secondary level in the State of Colorado. Students should consult an advisor for the additional requirements for secondary education licensure, which are not listed.

MT 225--Mastery of Foundational Mathematics (not required for mathematics majors)	3 SH
PY 250/PY 250C--General Psychology	3 SH

ED 204--Foundations of Education for Diverse Learners	3 SH
ED 306--Assessment of Learning	3 SH
ED 380E-W--Field Work in Schools (3 sections minimum)	0 SH
ED/EDSP 401--Teaching the Exceptional Student in the General Education Classroom	3 SH
ED/EDLT 403B--Secondary Literacy: Content, Instruction and Assessment	3 SH
Methods course pertinent to the major subject area of licensure selected from the following (ED 421-ED 431):	

ED 421--Secondary English Content, Instruction and Assessment	3 SH
ED 427--Secondary Mathematics Content, Instruction and Assessment	3 SH
ED 427A--Secondary Business Content, Instruction and Assessment	3 SH
ED 429--Secondary Science Content, Instruction and Assessment	3 SH
ED 431--Secondary Social Studies Content, Instruction and Assessment	3 SH
ED 434--Secondary Student Teaching	8-11 SH
ED 435--Secondary Curriculum Planning and Classroom Management	3 SH
ED 439--Practicum: Culturally Linguistically Diverse	0 SH
EDSP/EDLD 403--Assessment for the Diverse Learner	3 SH
EDLD 475--Linguistics for Teachers of Culturally Linguistically Diverse Students	3 SH
EDLT 415-- Exploring Identity and Diversity in Young Adult Literature (required only of those seeking secondary licensure in English or minor in Literacy Education)	3 SH
ED/EDLD 485--Theories, Strategies, and Assessment for Culturally and Linguistically Diverse K-12	3 SH
ED 495--Student Teacher Seminar	1 SH

## ART EDUCATION (K-12)

Successful completion of the K-12 Art Education program also results in the completion of a minor in education. Successful completion of a major in Fine Arts and the following requirements may qualify a student to be recommended for Art licensure at the K-12 level in the State of Colorado.

## WORLD LANGUAGES EDUCATION (K-12)

Successful completion of the K-12 World Languages Education program also results in the completion of a minor in education. Successful completion of a major in World Languages and the following requirements may qualify a student to be recommended

for World Languages licensure at the K-12 level in the State of Colorado.

## MUSIC EDUCATION (K-12)

Successful completion of the K-12 Music Education program also results in the completion of a minor in education. Successful completion of a major in Music and the following education course requirements may qualify a student to be recommended for Music licensure at the K-12 level in the State of Colorado.

### K-12 ART, K-12 MUSIC or K-12 World Languages Education Teacher Licensure Requirements (Education Course Requirements Only)

MT 225--Mastery of Foundational Mathematics	3 SH
PY 250/250C--General Psychology	3 SH
ED 204--Foundations of Education for Diverse Learners	3 SH
ED 207A/B--Fall/Spring Tutoring Laboratory	0 SH
ED 306--Assessment of Learning	3 SH
ED 380E-W--Field Work in Schools (3 sections minimum)	0 SH
ED/EDSP 401--Teaching the Exceptional Student in the General Education Classroom	3 SH
ED/EDLT 403A--Elementary Reading and Writing: Content, Instruction, and Assessment*	
or	
ED 403B--Secondary Literacy: Content, Instruction and Assessment	3 SH
ED 425--Secondary Foreign Language Content, Instruction, and Assessment	
or	
ED 433--K-12 Art Content, Instruction, and Assessment *	
or	
ED 433B--K-12 Music Content, Instruction, and Assessment *	3 SH
ED 434--Secondary Student Teaching *	8-11 SH
ED 435--Secondary Curriculum Planning and Classroom Management	3 SH
ED 439--Practicum: Culturally Linguistically Diverse	0 SH
ED/EDLD 485--Theories, Strategies, and Assessment for Culturally and Linguistically Diverse K-12	3 SH
ED 495--Student Teaching Seminar *	1 SH
EDLD 403--Assessment for the Diverse Learner	3 SH
EDLD 475--Linguistics for Teachers of Culturally Linguistically Diverse Students	3 SH

\* Admission to the Department of Education required.

## SPECIAL EDUCATION GENERALIST

The Special Education Generalist Endorsement incorporates licensure standards for special education generalist within the secondary, elementary, or K-12 licensure coursework. Successful completion of an Elementary, Secondary, or K-12 Licensure sequence in addition to the following courses may qualify a student to be recommended for a Special Education Generalist Endorsement in the State of Colorado. Students must complete their general education licensure requirements in addition to the following courses:

EDSP 402--Collaboration for the Exceptional Student	3 SH
EDSP 404--Instruction for the Exceptional Student	3 SH
EDSP 405--Literacy Interventions	3 SH
EDSP 406--Positive Behavior Interventions and Supports	3 SH
EDSP 480--Practicum: Students with Special Needs	0 SH

## DEPARTMENTAL REGULATIONS

The Committee on Teacher Education of Regis (COTER) develops the policies of the program and regulates the admission, retention, and recommendation of students for licensure. To qualify for admission into the Teacher Education Program, students must satisfy the following requirements:

- University entrance requirements.
- All students enrolled in ED 204--Foundations of Education for Diverse Learners must complete a background check prior to beginning fieldwork in schools.
- Completion of the COTER Screening form and the COTER acceptance process.
- A minimum grade point average of a 3.000 on a 4.000 scale for prior college work in all subjects. Upper division students and graduates of other institutions are evaluated and accepted/rejected on an individual basis.
- Successful completion of ED 204, ED 306 and either ED 485 or ED 401 or the equivalent with a grade of "B-" or higher.
- Fingerprinting and national background check by a local police department in accordance with CDE and school district policies.
- A student must be able to demonstrate a level of acceptable proficiency in oral language, by completing a college course in basic speech with a grade of "B" or higher.
- Students must have completed RCC 200 or an equivalent composition course with a grade of "C+" or higher.
- Transfer students: No upper division education coursework may be transferred into Regis College without the advance written approval of the department chair. Transfer students must complete predetermined coursework prior to student teaching, to include either elementary or secondary "Content, Instruction, and Assessment" courses. All students must also be registered for ED 380E-W the semester prior to student teaching.
- COTER considers each candidate's qualifications for admission into the teacher education program. After



reviewing these qualifications, the Committee takes appropriate action, which may include admission, rejection, or provisional acceptance.

- COTER may also place admitted students on probation. Students will have two semesters to resolve the terms of their probation. Probationary students will not be allowed to advance to student teaching.
- No one is permitted to enter the methods block in the Junior year until all requirements for acceptance into the program have been met.
- Fieldwork required in the various courses must be successfully completed as part of the course.
- After admittance into a Teacher Education Program, students must successfully proceed through the program and meet COTER requirements for advancement and licensure.
- Students will be placed in student teaching assignments by the Education Department Placement Coordinator according to a variety of criteria including growth needs of students. Placements will be in the Denver Metro area and provide the student with frequent mentoring by their Regis College Supervisor.

## REQUIREMENTS FOR ADVANCEMENT TO STUDENT TEACHING

- A cumulative grade point average of 3.00 must be maintained, secondary students must also maintain a 3.00 in content major.
- A grade of "B" or higher in methods classes, including the reading courses, ED 403A for elementary and ED 403B for secondary.
- A cumulative GPA of 3.000 or higher is required in all education coursework for teacher licensure at Regis University.
- Successful completion of all assigned fieldwork will be determined by completion of required hours, evaluation by cooperating teacher and Dispositions of Teaching. Three sections of ED 380E-W--Fieldwork in Schools must be completed for licensure.
- PLACE or Praxis II exam must be passed prior to application for student teaching.
- All students must be registered for ED 380E-W the semester prior to student teaching.
- Students must submit an application to student teach which includes a completed resume, TB test and proof of liability insurance.

## REQUIREMENTS FOR RECOMMENDATION FOR LICENSURE

- Successful completion of student teaching.
- Continued evidence of effective communication skills, teacher competencies, and characteristics.
- Successful completion of graduation requirements.

- Successful completion of the State mandated assessment in program content.
- Completion of Regis College Teacher Work Sample and Portfolio, including Teacher Quality Standards proficient level.
- Should the student successfully complete these requirements, COTER may recommend that the Regis representative officially approved by the Colorado Department of Education sign the student's application for state licensure.
- The committee reserves the right to withhold recommendation for licensure based on deficiencies in any of the dispositions or behaviors listed or in any of the requirements of the program.

### Education Minor

**18 SH**

Both the elementary and secondary programs leading to approval for licensure meet the Regis College standard for a minor area of concentration.

If a student wishes to pursue a minor in education without teacher licensure, the following courses are required:

<i>Prerequisites</i>	6 SH
ED 204--Foundations of Education for Diverse Learners	3 SH
PY 250/PY 250C--General Psychology	3 SH
<i>Upper Division Requirements</i>	12 SH

Twelve upper division semester hours of Education courses selected with the approval of the major advisor.

### Special Education Minor

**18 SH**

This minor is designed to give teachers deeper knowledge of special education assessment processes, instruction, and students. These classes focus on interventions for working with students with special needs in the general education classroom.

<i>Prerequisites</i>	6 SH
ED 204--Foundations of Education for Diverse Learners	3 SH
PY 250/PY 250C--General Psychology	3 SH
<i>Upper Division Requirements</i>	12 SH

EDSP 401--Teaching the Exceptional Student in the General Education Classroom	3 SH
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Nine semester hours selected from the following courses:

EDSP 402--Collaboration for the Exceptional Student	3 SH
EDSP 403--Assessment for the Diverse Learner	3 SH
EDSP 404--Instruction for the Exceptional Student	3 SH
EDSP 405--Literacy Interventions	3 SH

### Culturally and Linguistically Diverse Education Minor

18 SH

All students completing licensure in elementary, secondary, or K-12 education will also complete the coursework required for an endorsement in Culturally and Linguistically Diverse Education. Students who are not seeking licensure may pursue a minor in Culturally and Linguistically Diverse Education.

*Prerequisites* 6 SH

ED 204--Foundations of Education for Diverse Learners 3 SH

ED 302--Psychology for Educators 3 SH

*Upper Division Requirements* 12 SH

EDLD 403--Assessment of the Diverse Learner 3 SH

EDLD 451--Multicultural Perspectives 3 SH

EDLD 475--Linguistics for Teachers of Culturally Linguistically Diverse Students 3 SH

EDLD 485--Theories, Strategies, and Assessment for Culturally and Linguistically Diverse K-12 3 SH

NOTE: Field work in classrooms with second language learners is expected.

### Literacy Minor

With the increasing need for teachers of all levels and content areas to be experts in literacy instruction, these courses are focused on literacy interventions, strategies, and literature. These courses focus on methods to assess and teach reading, writing, listening and speaking.

ED 204--Foundations of Education for Diverse Learners 3 SH

PY 250/PY 250C--General Psychology 3 SH

*Upper Division Requirements* 12 SH

ED/EDLT 403B-- Secondary Literacy: Content, Instruction and Assessment 3 SH

EDLT 415-- Exploring Identity and Diversity in Young Adult Literature 3 SH

EDLT/EDLD 413--Teaching Literacy to English Language Learners 3 SH

EDLT/EDSP 405--Literacy Interventions 3 SH

## ENGLISH

Dr. Lara Narcisi, Associate Professor, Chairperson

Dr. Mark Bruhn, Professor

Dr. David Hicks, Professor

Dr. Daryl Palmer, Professor

Dr. Scott Dimovitz, Associate Professor

Alyse Knorr, Assistant Professor

Dr. Nicholas Myklebust, Assistant Professor

Dr. Frank McGill, Senior Term Professor

## DEPARTMENTAL INFORMATION

The English major is designed to offer a broad and balanced approach to the discipline. Course requirements are flexibly structured to emphasize genres, periods, and a diversity of literary traditions. Major requirements provide a substantive foundation upon which to base further reading and critical inquiry. Courses focus not only on primary texts, but on essential cultural, historical, and theoretical contexts as well. The English major takes a Diversity Across the Curriculum approach, so most courses discuss aspects of historical or current oppression and marginalization.

Each student in the major works closely with a departmental advisor to develop a plan of study compatible with the individual's goals for graduate or professional school and employment.

### English Major 38 SH

*Lower Division Requirements* 4 SH

EN 300--Literary Analysis 3 SH

EN 301--Digital Writing Lab 1 SH

*Survey Courses* 12 SH

EN 323--American Literature: Survey to 1865 3 SH

EN 324--American Literature Survey 1865 to Present 3 SH

EN 353--British Literature Survey to 1789 3 SH

EN 354--British Literature Survey 1789 to Present 3 SH

*Upper Division Requirements* 22 SH

Twenty-one upper division semester hours of English courses, which must include:

Writing course (poetry, fiction, rhetoric, etc.) 3 SH

One course on Major Author\* 3 SH

EN 454--Linguistic Approaches to Literature  
or  
EN 466--Literacy Theory 3 SH

Upper division English electives selected with the approval of the major advisor. 12 SH

Capstone Course 1 SH

### Honors-in-English Major Requirements

This program is designed for students who are not in the Regis College Honors program. In addition to the major requirements listed previously, students who complete the following requirements may graduate with an Honors-in-English major:

1. Candidacy approved by the English faculty.
2. Thirty upper division semester hours of English, which must include the courses required for an English major plus an additional three semester hour upper division course to be selected with the approval of the major advisor.
3. Successful completion of a supervised thesis and an oral defense of this thesis before a faculty committee. The honors thesis will be prepared and submitted according to the following schedule:
  - a. Selection of thesis advisor and submission of preliminary thesis proposal no later than October 15th for May graduates (February 15th for December graduates).
  - b. A one-page formal prospectus approved by the thesis advisor and submitted for departmental approval no later than November 1st for May graduates (March 1st for December graduates).
  - c. Submission of full draft to advisor and reader by March 1st for May graduates (October 15th for December graduates).
  - d. Revised draft by April 1<sup>st</sup> (November 15th for December graduates) based on revisions recommended by advisor and reader. Resulting defense draft should be 30-50 pages long.
  - e. Schedule thesis defense no later than April 15th (November 30th for December graduates).

### English Minor 16 SH

*Lower Division Requirements* 4 SH

EN 300--Literary Analysis 3 SH

EN 301--Digital Writing Lab 1 SH

*Upper Division Requirements* 12 SH

Twelve upper division semester hours of English courses selected with the approval of the major advisor.

### Writing Minor 12 SH

The English Department offers a writing minor for students not majoring in English. The upper division courses that fulfill the requirements of the writing minor are open to any qualified Regis student. The minor is intended to serve the needs of all majors, especially majors in business administration, communication, natural science, and social science, for whom the ability to write well in graduate school or a career will be of particular importance.

### Upper Division Requirements 12 SH

Twelve semester hours selected from the following:

EN 412--Rhetoric: The Art of Persuasive Writing 3 SH

EN 482A--Creative Writing: Fiction 3 SH

EN 482B--Creative Writing: Poetry 3 SH

EN 482C--Creative Writing: Advanced Fiction 3 SH

EN 498E-W--Internship in Writing 3 SH

\* Communication majors may not take Communication courses towards the writing minor.

### Writing Concentration 16 SH

The English Department offers a writing concentration for students in any major. The upper division English courses that fulfill the requirements of the writing concentration are open to any qualified Regis student. The concentration is intended to serve the needs of all majors, but in particular, majors in Business Administration, Communication, natural science, and social science, for whom the ability to write well in graduate school or a career will be of particular importance.

### Lower Division Requirements 1 SH

EN301--Digital Writing Lab 1 SH

(or equivalent in student's major field)

### Upper Division Requirements 15 SH

Nine upper division semester hours of English (EN) writing courses selected with the approval of the major advisor. Three upper division semester hours of a writing course within the student's major selected with the approval of the major advisor.\*

Three upper division semester hours of a writing intensive internship selected with the approval of the major advisor.\*

\* These credits may also fulfill major requirements.

## ENVIRONMENTAL STUDIES

Dr. John Sakulich, Program Director

Interest in environmental issues such as resource depletion, habitat destruction, biological extinction, global economic development, and urbanization, is expanding. The Environmental Studies program focuses on these and other environmental issues from an interdisciplinary perspective. This program offers two majors, a Bachelor of Science in Environmental Science and a Bachelor of Arts in Environmental Studies, as well as a minor in Environmental Studies.

The Bachelor of Science in Environmental Science major emphasizes the natural sciences in understanding the environment and environmental issues. This degree program is recommended for students considering careers or further education in wildlife

management, environmental health, science secondary education, environmental biology, environmental engineering, or forestry.

The Bachelor of Arts in Environmental Studies major emphasizes the interdisciplinary nature of the fields of environmental studies. This degree program is recommended for students considering careers or further education in environmental law, environmental sociology, environmental economics, environmental policy, secondary education, or environmental journalism.

### **Bachelor of Science in Environmental Science Major 48 SH**

Students pursuing this degree are required to complete a companion major or minor in one of the following areas: Biology, Biochemistry, Chemistry, Computer Science, Mathematics, Neuroscience, Physics, or Secondary Education.

<i>Lower Division Requirements</i>	29 SH
BL 260--Principles of Biology: Molecular and Cellular	3 SH
BL 261--Molecular and Cellular Biology Laboratory	1 SH
BL 262--Principles of Biology: Organismic	3 SH
BL 263--Organismic Biology Laboratory	1 SH
CH 210--General Chemistry I	4 SH
CH 211--General Chemistry Laboratory I	1 SH
CH 230--General Chemistry II	4 SH
CH 231--General Chemistry Laboratory II	1 SH
ENVS 250--Introduction to Environmental Science	3 SH
ENVS 251--Introduction to Environmental Science Laboratory	1 SH
GE 208--Introduction to Geology	3 SH
GE 209--Introduction to Geology Laboratory	1 SH
MT 272/MT 272C--Statistics for the Life Sciences	3 SH

It is recommended that Environmental Science students take SO200/SO 200C as an elective or to fulfill the Social Science Core Requirement for Regis college.

<i>Upper Division Requirements</i>	19 SH
ENVS 402--Principles of Ecology	3 SH
ENVS 403--Ecology Laboratory	1 SH
ENVS 450--Environmental Impact Assessment	1 SH
ENVS 474--Geographic Information Science	3 SH
ENVS 495A--Portfolio Development I	1 SH
ENVS 495B--Portfolio Development II	1 SH
Environmental Studies Elective Requirement	9 SH

Students must complete a minimum of nine semester hours of additional 400-level ENVS courses in consultation with their academic advisor. ENVS 498E-W is also recommended.

### **Bachelors of Arts in Environmental Studies Major 40 SH**

Students pursuing this degree are required to complete a companion major or minor in another subject area.

<i>Lower Division Requirements</i>	22 SH
BL 262--Principles of Biology: Organismic	3 SH
BL 263--Organismic Biology Laboratory	1 SH
CH 202--Introduction to Environmental Chemistry	3 SH
CH 203--Introduction to Environmental Chemistry Laboratory	1 SH
ENVS 250--Introduction to Environmental Science	3 SH
ENVS 251--Introduction to Environmental Science Laboratory	1 SH
GE 208--Introduction to Geology	3 SH
GE 209--Introduction to Geology Laboratory	1 SH
MT 272/MT 272C--Statistics for the Life Sciences	3 SH
SO200/SO200C--Introduction to Sociology	3 SH
<i>Upper Division Requirements</i>	18 SH
ENVS 450-- Environmental Impact Assessment	1 SH
ENVS 474--Geographic Information Science	3 SH
ENVS 495A--Portfolio Development I	1 SH
ENVS 495B--Portfolio Development II	1 SH
Environmental Studies Electives	12 SH

Students must complete a minimum of twelve semester hours of 400-level ENVS courses in consultation with their academic advisor. ENVS 498E-W is also recommended.

### **Environmental Studies Minor 16 SH**

<i>Lower Division Requirement</i>	4 SH
ENVS 250--Introduction to Environmental Science	3 SH
ENVS 251--Introduction to Environmental Science Laboratory	1 SH
<i>Upper Division Requirements*</i>	12 SH

A minimum of 12 upper division semester hours of 400-level environmental studies courses are required for the minor. Note: Many upper-division ENVS courses have specific prerequisites beyond ENVS 250 and ENVS 251.

\* PL 448K can be used to fulfill the environmental studies electives. The other 9 SH upper-division ENVS elective requirement must be met with ENVS courses.

## DEPARTMENT OF FINE AND PERFORMING ARTS

Dr. Loretta K. Notareschi, Associate Professor. Chairperson

Dr. Mark Davenport, Professor, Music Program Director

Mr. William Sutton, Professor

Dr. Barbara Coleman, Associate Professor, Chairperson

Mr. Anthony Ortega, Associate Professor

Mr. Eugene Stewart, Associate Professor

Dr. Trudi Wright, Assistant Professor

## DEPARTMENTAL INFORMATION

The Department of Fine and Performing Arts offers courses in visual arts, art history, music, music history, music theory, applied music, music ensembles, and theatre. The Bachelor of Arts degree is available with a major in Visual Arts, Art History, Music, Music Performance, and Music History and Literature. Minors are available in Visual Art, Art History and Music.

## FINE ARTS: VISUAL ARTS

Students planning to major in Visual Arts must obtain and submit a Major Declaration form with the Office of the Dean, Regis College. Acceptance into the major requires a portfolio review by the Department and approval of the department chair. Students wishing to obtain more information regarding the portfolio requirement should contact the department chair.

The Visual Arts major is designed to give students a broad and flexible foundation in the visual arts while also giving them an opportunity to develop an emphasis in a particular medium. Students establish a firm basis in design, art history, and criticism while pursuing technical proficiency. This prepares students for the practice of art and grounds their knowledge in experience and first-hand problem solving. The Visual Arts major prepares students for jobs in a wide field of options, including publications, public relations, graphic design and others. The Bachelor of Arts in Visual Arts is also excellent preparation for graduate programs in Fine Arts.

Each student works with an advisor from the department who will guide her or him through completion of the requirements for the major and assure that the student's future plans are optimized by the art curriculum.

A Junior Portfolio Review of each fine arts major will be conducted in the second semester of the student's junior year. The purpose of this evaluation is to determine how the student has progressed in his/her chosen medium or media and discuss goals and objectives for the senior thesis show.

Transfer students who wish to major in Fine Arts must present a portfolio for review by the Department. Besides the requirement that at least half of the upper division courses must be taken at Regis, graduating art students must complete FAA 499--Senior Thesis, which culminates with a student exhibition in the Arts Center.

## Fine Arts: Visual Arts Major 45 SH

### Lower Division Requirements 21 SH

Twenty-one lower division semester hours, which must include the following:

FAA 330--Design Foundation 3 SH

FAA 331--Graphic Design Foundation 3 SH

FAHS 211--Art History: Prehistory to the Proto-Renaissance 3 SH

FAHS 212--Art History Survey: Renaissance to Present 3 SH

Lower Division Studio Electives 9 SH

### Upper Division Requirements 24 SH

Twenty-four upper division semester hours, which must include the following:

Upper division in a single medium 6-9 SH

Upper division in additional mediums 3-6 SH

Upper division in Art History 6 SH

FAA 497--Senior Art Studio 3 SH

FAA 499--Senior Thesis 3 SH

## Visual Arts Minor 12 SH

### Upper Division Requirements 12 SH

Twelve upper division semester hours of Studio Art and/or Art History courses selected with the approval of the major advisor.

## FINE ARTS: CORE

All Regis College students are required to complete a Fine Arts Core course. The Core Studies requirement emphasizes that the basic human impulse to create is common across all of the arts. The requirement may be fulfilled by taking any courses with the FAC prefix. These courses introduce students to aesthetic vocabularies through a survey of specific art disciplines (Visual Arts, Music or Theatre). Core Studies students are also exposed to the fine and performing arts through attendance at exhibitions, performances, poetry readings, and lectures in the O'Sullivan Arts Gallery, a widely recognized cultural center, and Peter Claver Recital Hall.

These events serve students in the Fine and Performing Arts Department as well as the entire Regis University and Denver area community.

**FINE ARTS: ART HISTORY****Art History Major 36 SH***Lower Division Requirements* 9 SH

FAA 330--Design Foundation 3 SH

FAHS 211--Art History: Prehistory to the Proto-Renaissance 3 SH

FAHS 212--Art History Survey: Renaissance to Present 3 SH

*Upper Division Requirements* 27 SH

FAHS 408E-W--Themes in Art History 3 SH

FAHS 410--Modern Art: Neo-Classicism to 1945 3 SH

FAHS 415--Contemporary Art: 1945 to the Present 3 SH

FAHS 453E-W--Special Topics in Music and Art 3 SH

FAHS 499--Senior Art History Thesis 3 SH

Six upper division semester hours of Fine Arts: History courses selected from the following:

FAHS 435--Images of Women in Art and the Popular Media 3 SH

FAHS 440--American Art: Colonial to Present 3 SH

FAHS 445--History of Photography 3 SH

FAHS 450--Medieval/Renaissance Art 3 SH

Six semester hours from any of the following selected in consultation with an academic advisor:

PL 445--Philosophy of Art 3 SH

Any level Communications Course

Any level English Literature Course

Any level History Course

Any level Music Course

Any level Religious Studies Course

**Art History Minor 12 SH***Upper Division Requirements* 12 SH

Twelve upper division semester hours of Art History courses selected with the approval of the major advisor.

**FINE ARTS: MUSIC**

The Music Program includes a wide variety of courses and is intended for students of all levels of experience, offering participation in beginning to advanced music lessons and classes, performing ensembles, and courses in music history and music theory. Students who want to concentrate in more advanced studies in music may pursue a Bachelor of Arts or a structured music minor.

Students wishing to pursue the music major or minor should contact the director of the Music Program or the Chairperson of the Department of Fine and Performing Arts. Currently, the

Department of Fine and Performing Arts offers three music major degrees: the Bachelor of Arts in Music; the Bachelor of Arts in Music Performance; and the Bachelor of Arts in Music History and Literature. The music major curriculum offers a comprehensive course of study in historical, cultural, theoretical, and performance perspectives. With a grounding in the traditional music styles of Western art music, music majors will also acquire an essential awareness and knowledge of contemporary musical directions, American music, interdisciplinary studies between music and art, and the musical traditions of other cultures. The Bachelor of Arts in Music prepares students to go onto graduate studies, education, or one that combines music with other disciplines such as music and liturgy, arts management and administration, communication, business or community-based professions.

Music majors with an emphasis in performance are expected to participate in applied lessons and ensembles every semester, once they have declared the major. Performance majors have added studies in Techniques and Performance and advanced ensembles. Performance majors prepare and present public recitals in both their junior and senior years. The Department currently offers the Performance Emphasis in the applied areas of voice, piano, guitar, oboe, clarinet, flute, bassoon, recorder, violin, viola, cello, bass, mandolin, and harp. Auditions are required.

The Structured Music minor is offered to any Regis College student who demonstrates substantial skill and technique on an instrument or voice (audition required). The music minor at Regis College is designed to give students an excellent general foundation in music, music history, and the technical language of music. Music minors develop a serious mastery of an instrument or voice and gain experience working in advanced ensemble groups.

NOTE: All music majors must pass a keyboard proficiency exam.

**Bachelor of Arts in Music 39 SH***Lower Division Requirements* 21 SH**Vernacular Traditions/American Music (choose one)**

FAC 251--United States Folk, Pop, and Jazz 3 SH

FAC 253E-W--Topics in Music and Art 3 SH

FAC 254/FAC 254C--American Musical Theater 3 SH

FAC 256/256C--Music In American Culture 3 SH

**Music in World Cultures**

FAC 250E-W--World Music 3 SH

**Music Theory**

FAMT 200--Music Theory I \* 3 SH

FAMT 201--Aural Skills I \* 2 SH

FAMT 300--Music Theory II 3 SH

FAMT 301--Aural Skills II 2 SH

FAMT 350--Music Theory III 3 SH

\* Prerequisites may be required depending upon music theory placement.

**Applied Music (FAM 200-level)**

Applied Lesson	1 SH
Applied Lesson	1 SH

**Music Ensemble (FAM-200 level)**

Ensemble	0 SH
Ensemble	0 SH

**Recital Hour**

FAMR 200A--Freshman Recital Hour A	0 SH
FAMR 200B--Freshman Recital Hour B	0 SH
FAMR 300A--Sophomore Recital Hour A	0 SH
FAMR 300B--Sophomore Recital Hour B	0 SH

NOTE: Required every semester once the music major is declared.

Upper Division Requirements 18 SH

**Advanced Music History**

FAMH 452--European Music Literature	3 SH
FAMH 455E-W--Topics in Music History	3 SH

**Advanced Music Theory**

FAMT 400--Orchestration, Arranging, and Conducting	3 SH
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**Advanced Applied Music (FAM 400-level)**

Advanced Applied Lesson	1 SH
Advanced Applied Lesson	1 SH

**Advanced Music Ensemble (FAM-400 level)**

Advanced Ensemble	2 SH
Advanced Ensemble	2 SH

**Recital Hour**

FAMR 400A--Junior Recital Hour A	0 SH
FAMR 400B--Junior Recital Hour B	0 SH
FAMR 450A--Senior Recital Hour A	0 SH
FAMR 450B--Senior Recital Hour B	0 SH

**Senior Thesis: Music in the Arts**

FAM 499--Senior Thesis: Music in the Arts	3 SH
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**Bachelor of Arts in Music Performance 45 SH**

Lower Division Requirements 21 SH

**Vernacular Traditions/American Music (choose one)**

FAC 251--United States Folk, Pop, and Jazz	3 SH
FAC 253E-W--Topics in Music and Art	3 SH
FAC 254/FAC 254C--American Musical Theater	3 SH
FAC 256/256C--Music in American Culture	3 SH

**Music in World Cultures**

FAC 250E-W--World Music	3 SH
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**Music Theory**

FAMT 200--Music Theory I *	3 SH
FAMT 201--Aural Skills I *	2 SH
FAMT 300--Music Theory II	3 SH
FAMT 301--Aural Skills II	2 SH
FAMT 350--Music Theory III	3 SH

\* Prerequisites may be required depending upon music theory placement.

**Applied Music (FAM 200-level)**

Applied Lesson	1 SH
Applied Lesson	1 SH

**Music Ensemble (FAM-200 level)**

Ensemble	0 SH
Ensemble	0 SH

**Recital Hour**

FAMR 200A--Freshman Recital Hour A	0 SH
FAMR 200B--Freshman Recital Hour B	0 SH
FAMR 300A--Sophomore Recital Hour A	0 SH
FAMR 300B--Sophomore Recital Hour B	0 SH

NOTE: Required every semester once the music major is declared.

Upper Division Requirements 24 SH

**Advanced Music History**

FAMH 452--European Music Literature	3 SH
FAMH 455E-W--Topics in Music History	3 SH

**Advanced Music Theory**

FAMT 400--Orchestration, Arranging, and Conducting	3 SH
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**Techniques and Performance in Applied Area**

Techniques and Performance I	2 SH
Techniques and Performance II	2 SH
Techniques and Performance III	2 SH
Techniques and Performance IV	2 SH

**Music Major Recitals**

FAMR 403--Junior Recital	0 SH
FAMR 404--Senior Recital	0 SH

**Advanced Music Ensemble (FAM-400 level)**

Advanced Ensemble	0-2 SH
Advanced Ensemble	0-2 SH
Advanced Ensemble	0-2 SH
Advanced Ensemble	0-2 SH

NOTE: Four semester hours required--sustained over four semesters.

**Recital Hour (Required every semester)**

FAMR 400A--Junior Recital Hour A	0 SH
FAMR 400B--Junior Recital Hour B	0 SH
FAMR 450A--Senior Recital Hour A	0 SH
FAMR 450B--Senior Recital Hour B	0 SH

**Senior Thesis: Music in the Arts**

FAM 499--Senior Thesis: Music in the Arts	3 SH
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**Bachelor of Arts in Music History and Literature****45 SH**

<i>Lower Division Requirements</i>	24 SH
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**Vernacular Traditions/American Music (choose one)**

FAC 251--United States Folk, Pop, and Jazz	3 SH
FAC 253E-W--Topics in Music and Art	3 SH
FAC 254/FAC 254C--American Musical Theater	3 SH
FAC 256/256C--Music In American Culture	3 SH

or

**Music in World Cultures**

FAC 250E-W--World Music	3 SH
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**Music Theory**

FAMT 200--Music Theory I *	3 SH
FAMT 201--Aural Skills I *	2 SH
FAMT 300--Music Theory II	3 SH
FAMT 301--Aural Skills II	2 SH
FAMT 350--Music Theory III	3 SH

\* Prerequisites may be required depending upon music theory placement.

**Applied Music (FAM 200-level)**

Applied Lesson	1 SH
Applied Lesson	1 SH
Applied Lesson	1 SH
Applied Lesson	1 SH

**Music Ensemble (FAM 200-level)**

Ensemble	0-2 SH
Ensemble	0-2 SH
Ensemble	0-2 SH
Ensemble	0-2 SH

**Recital Hour**

FAMR 200A--Freshman Recital Hour A	0 SH
FAMR 200B--Freshman Recital Hour B	0 SH
FAMR 300A--Sophomore Recital Hour A	0 SH
FAMR 300B--Sophomore Recital Hour B	0 SH

NOTE: Required every semester once the music major is declared.

<i>Upper Division Requirements</i>	21 SH
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**Advanced Music History**

FAMH 452--European Music Literature	3 SH
FAMH 455E-WV--Topics in Music History	3 SH

Six semester hours selected from the following:

(Students must complete either FAC 250E-W or FAMH 450E-W.)

FAMH 450E-W--World Music Literature	3 SH
FAMH 451--History of U.S. Folk, Pop and Jazz	3 SH
FAMH 453E-W--Special Topics in Music and Art	3 SH
FAMH 454--History and Performance of American Musical Theater	3 SH

**Advanced Music Theory**

FAMT 400--Orchestration, Arranging, and Conducting	3 SH
FAMT 401--Counterpoint	3 SH

**Recital Hour**

FAMR 400A--Junior Recital Hour A	0 SH
FAMR 400B--Junior Recital Hour B	0 SH
FAMR 450A--Senior Recital Hour A	0 SH
FAMR 450B--Senior Recital Hour B	0 SH

**Senior Thesis: Music in the Arts**

FAM 499--Senior Thesis: Music in the Arts	3 SH
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**Music Minor****21 SH**

<i>Lower Division Requirements</i>	9 SH
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**Vernacular Traditions/American Music (choose one)**

FAC 251--United States Folk, Pop, and Jazz	3 SH
FAC 253E-W--Topics in Music and Art	3 SH
FAC 254/FAC 254C--American Musical Theater	3 SH

or

**Music in World Cultures**

FAC 250E-W--World Music	3 SH
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**Music Theory**

FAM 235--Foundations of Music	3 SH
FAM 236--Basic Musicianship	2 SH

Note: These courses may be waived depending on music theory placement.

Applied Music (FAM 200-level) Applied Lesson	1 SH
Music Ensemble (FAM 200-level) Ensemble	0-2 SH

**Recital Hour**

FAMR 200A--Freshman Recital Hour A	0 SH
FAMR 200B--Freshman Recital Hour B	0 SH
FAMR 300A--Sophomore Recital Hour A	0 SH
FAMR 300B--Sophomore Recital Hour B	0 SH

<i>Upper Division Requirements</i>	12 SH
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**Advanced Music History**

FAMH 452--European Music Literature	3 SH
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**Techniques and Performance (Applied Area)**

Techniques and Performance I	2 SH
Techniques and Performance II	2 SH
Techniques and Performance III	2 SH



**Advanced Ensemble**

Advanced Ensemble	0-2 SH
Advanced Ensemble	0-2 SH
Advanced Ensemble	0-2 SH

**Music Minor Recital**

FAMR 402--Music Minor Recital	0 SH
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**GEOLOGY**

A major in Geology is not available.

Geology is the study of the Earth, its materials, processes, and history. Geology courses are offered in support of the Environmental Studies, Core, and Education programs.

**HEALTH AND EXERCISE SCIENCE**

Dr. Clifford Barnes, Associate Professor, Director

Major and minor fields of study in Health and Exercise Science are offered through the School of Physical Therapy, Rueckert-Hartman College for Health Professions. For additional information please refer to that section in this *Catalog*.

**HISPANIC STUDIES**

A major in Hispanic Studies is available only through the Thematic Major Program.

**Hispanic Studies Minor 12 SH**

Twelve upper division semester hours of Spanish courses that deal with Spanish literature or language, Hispanic civilization or Hispanic literature in translation.

**HISTORY AND POLITICS**

Dr. Nicki Gonzales, Associate Professor, Chairperson

Dr. Daniel Clayton, Professor

Dr. Susan Jacobson, Professor

Dr. Terry Schmidt, Professor

Dr. Robin Koenigsberg, Associate Professor

Dr. Michael Chiang, Assistant Professor

Dr. Ethan Sanders, Assistant Professor

Dr. Meaghan Shaughnessy, Assistant Professor

**Bachelor of Arts in History 39 SH****Lower Division Requirements 15 SH**

Fifteen lower division semester hours of History courses. Student must take sequential courses from two separate regions and any one course from a third region.

**World History**

HS/POL 200--Sustainability and Collapse in World History 3 SH

HS/POL 201--Origin and Challenges of the Modern World 3 SH

or

HS 231--World History to 1500 3 SH

HS 232--World History since 1500 3 SH

**Europe**

HS 213--Survey of Western Civilization to 1600 3 SH

HS 214--Survey of Western Civilization since 1600 3 SH

**America/United States**

HS 223--History of the United State to 1877 3 SH

HS 224--History of the United State since 1865 3 SH

**Middle East**

HS 238--The Middle East to 1800 3 SH

HS 239--The Middle East since 1800 3 SH

**Africa**

HS 250--Africa to 1800 3 SH

HS 251--Africa since 1800 3 SH

**East Asia**

HS 253--Premodern East Asia 3 SH

HS 254--Modern East Asia 3 SH

**Latin America and the Caribbean**

HS 260--Survey of Latin America to 1826 3 SH

HS 261--Survey of Latin America since 1826 3 SH

**Upper Division Requirements 24 SH****Regional or National Histories**

Nine semester hours selected from the following:

HS 406--History of the American Southwest 3 SH

HS 430--History of Colorado 3 SH

HS 432--Modern Mexico 3 SH

HS 433--History of the Caribbean and the Atlantic World 3 SH

HS 437--The West in United States History 3 SH

HS 438--History and Cultures of Peru 3 SH

HS 451--Premodern Japan 3 SH

HS 452--Modern Japan	3 SH
HS 453--Premodern China	3 SH
HS 454--Modern China	3 SH
HS 465--Europe from 1914 to 1945	3 SH
HS 468--History of Germany	3 SH
HS 481--History of Christianity in Africa	3 SH
HS 490E-W--Independent Study in History	3 SH
Topical or Thematic	
Nine semester hours selected from the following:	
HS 407--History and Practices of Communal Environmentalism	3 SH
HS 410--The Renaissance in Europe	3 SH
HS 412--Immigration in American History	3 SH
HS 415--Readings in Native American History	3 SH
HS 416--Labor in the Americas	3 SH
HS 423--American Colonial History	3 SH
HS 425--The Civil War and Gilded Age America	3 SH
HS 426--America During the Jazz Age	3 SH
HS 427--The United State and the World Wars	3 SH
HS 428--United State History, 1945 to Present	3 SH
HS 429--United States in the 1960's and 70's	3 SH
HS 435--History of Mexican Americans	3 SH
HS 441--The Culture and Politics of Public Memory	3 SH
HS 442--Oral History: Theory and Methods	3 SH
HS 446--History of Islam	3 SH
HS 455--Stories from Wartime	3 SH
HS 457--The Pacific War: The Road to Pearl Harbor and Nagasaki	3 SH
HS 458--The History of Chinese Food	3 SH
HS 476--Human Rights and Humanitarianism in Africa and the Middle East	3 SH
HS 477--Revolution in the Middle East	3 SH
HS 478--Inter-Religious Relations in the Middle East	3 SH
HS 480--Religion and Politics in Modern Africa	3 SH
HS 482--The Indian Ocean World	3 SH
HS 489E-W--Topics in East Asian History	3 SH

HS 490E-W--Independent Study in History	3 SH
HS 495E--Witness to Modern Warfare: The Holocaust	3 SH
<i>Capstone and Major Portfolio</i>	6 sh
HS 495J--Seminar in History: Reading Seminar	3 SH
HS 499--Integrated Capstone	3 SH

### **History Minor 12 SH**

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of History courses selected with the approval of the major advisor.

### **Oral History Minor**

Student should contact the History and Political Science department for requirements.

### **Bachelor of Science in Political Economy 39 SH**

*Lower Division Requirements 15 SH*

EC 200--Economics for Responsible Citizenship	3 SH
EC 3200/EC 3200C--Principles of Macroeconomics	3 SH
EC 3300--Principles of Microeconomics	3 SH
MT 270/MT 270C--Introduction to Statistics	3 SH
POL 231--Introduction to International Relations or	
POL 241--Introduction to Comparative Politics and Government	3 SH

*Upper Division Major Requirements 24 SH*

Twenty-four upper division semester hours of coursework in either Economics or Politics, which must include:

#### **Macroeconomic Foundations**

EC 4110--Macroeconomic Theory	3 SH
EC 4245/POL 445--Comparative Public Policy	3 SH

#### **Microeconomic Foundations**

A minimum of three semester hours selected from the following:

EC 4100--Microeconomic Theory*	3 SH
EC 4173--Public Finance and Public Policy	3 SH

#### **General Dimensions**

Six or nine semester hours selected from the following:

EC 4120--Econometrics*	3 SH
EC 4103--Global Poverty-Can We End It?	3 SH
EC 4144--Economics of Poverty and Inequality	3 SH
EC 4177--International Economics	3 SH

EC 4108/ENVS 408--Consumption, Contentment and Climate Change	3 SH
EC 4218/ENVS 418--Environmental Economics and Law	3 SH
EC 4232/POL 432--International Political Economy	3 SH
EC 4243--Economic Policy, Justice, and the Common Good	3 SH
EC 4900E-W--Independent Study in Economics	3 SH
EC 4980 A/B--Internship in Economics	3 SH

**Capstone and Major Portfolio**

PEC 499A--Capstone I: Readings in Political Economy	3 SH
PEC 499B--Capstone II: Public Policy Research	3 SH

\*NOTE: Recommended courses for optional Quantitative Track:

EC 4100--Intermediate Microeconomics	3 SH
EC 4120--Econometrics	3 SH
MT 360A--Calculus I	3 SH

**Political Economy Minor 21 SH**

Students who major in Economics may not minor in Political Economy.

*Lower Division Requirements 15 SH*

EC 200--Economics for Responsible Citizenship	3 SH
EC 3200/EC 3200C--Principles of Macroeconomics	3 SH
EC 3300--Principles of Microeconomics	3 SH

POL 231--Introduction to International Relations  
or  
POL 241--Introduction to Comparative Politics and Government 3 SH

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of coursework in either Economics or Politics, which must include a minimum of one, three semester hour course selected from each of the following three areas:

**Macroeconomic Foundations**

EC 4110--Macroeconomic Theory	3 SH
EC 4245/POL 445--Comparative Public Policy	3 SH

**Microeconomics Foundations**

EC 4100--Microeconomic Theory	3 SH
EC 4173--Public Finance and Public Policy	3 SH

**General Dimensions**

EC 4103--Global Poverty-Can We End It?	3 SH
EC 4144--Economics of Poverty and Inequality	3 SH
EC 4177--International Economics	3 SH
EC 4108/ENVS 408--Consumption, Contentment and Climate Change	3 SH
EC 4218/ENVS 418--Environmental Economics and Law	3 SH

EC 4232/POL 432--International Political Economy	3 SH
EC 4243--Economic Policy, Justice, and the Common Good	3 SH
EC 4900E-W--Independent Study in Economics	3 SH
EC 4980 A/B--Internship in Economics	3 SH

**Bachelor of Arts in Politics 39 SH**

*Lower Division Requirements 15 SH*

POL 200--Sustainability and Collapse	3 SH
POL 201--Origins and Challenges of the Modern World	3 SH
POL 231--Introduction to International Relations	3 SH

POL 241--Introduction to Comparative Politics and Government 3 SH

POL 281--Introduction to Political Philosophy 3 SH

*Upper Division Requirements 24 SH*

POL 499--Integrated Capstone 3 SH

An Upper Division History Course 3 SH

Plus 18 upper division semester hours of Politics courses, which must include a minimum of one, three semester hour course, selected from each of the following five areas:

**United States**

POL 413--United States Elections and Political Behavior	3 SH
POL 415--Balancing Power	3 SH
POL 417--Urban-Rural Politics	3 SH
POL 496E-W--Seminar in United States Politics	3 SH

**International or Comparative**

POL 432--International Political Economy	3 SH
POL 439--United States Foreign Policy Since World War II	3 SH
POL 445--Comparative Public Policy	3 SH
POL 449--Comparative Foreign Policy	3 SH
POL 451--Environment and International Security	3 SH
POL 493E-W--Seminar in International Politics	3 SH
POL 494E-W--Seminar in Comparative Politics	3 SH

**Political Theory**

POL 481--Theories of International Relations	3 SH
POL 482E-W--Topics in Political Theory	3 SH
POL 483--American Political Theory	3 SH

**Politics and the Law**

POL 400--Constitutional Law	3 SH
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POL 403--Courts and the Judicial Process	3 SH
POL 404--International Law and Human Rights	3 SH
POL 406--Just and Sustainable Development	3 SH
POL 420--Environmental Politics	3 SH
<b>Internship</b>	<b>3 SH</b>
POL 498E-W--Internship in Politics and Law	3 SH

### **Politics Minor 12 SH**

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of Politics courses selected with the approval of the major advisor.

### **Pre-Law Minor 21-24 SH**

<i>Substantive Courses 15 SH</i>	
PJ 200/PJ 200C--Peace and Justice in Theory and Practice	3 SH
PL 452/CR 456--Philosophy of Law	3 SH
POL 400--Constitutional Law	3 SH
POL 404--International Law and Human Rights	3 SH
Plus three semester hours selected from the following:	
BA 498I--Business Law I	3 SH
CR/SO 450--Criminology	3 SH
POL 403--Courts and the Judicial Process	3 SH
<i>Skill-based Course</i>	
PL 460--Critical Thinking	3 SH
<i>Inter-disciplinary Law Capstone</i>	
POL 497--Vocation of Law Capstone	3 SH
<i>Law-Related Internship</i>	
POL 498E-W--Internship in Politics and Law*	3 SH

\*Required only if the student has not completed a law-related internship through their major.

## **HONORS PROGRAM**

Dr. J. Thomas Howe, Program Director  
Dr. Catherine Kleier, Associate Director

The Honors Program at Regis College is an alternative way of meeting the College's Core requirements. At least 27 semester hours of honors courses substitute for a portion of the Core curriculum. The honors curriculum has two major components: a five-semester sequence of Integrative Seminars, and a requirement for dedicated Core replacement courses, which can be offered by any department.

**The Integrative Seminars:** In the honors curriculum, there is a five-course sequence that replaces standard integrative Core courses. Each seminar is organized under a broad theme that invites interdisciplinary conversation and is team taught by faculty members from different disciplines. Each seminar takes its charter from the University Mission Statement and Core Philosophy Statement, drawing course objectives and a potential reading list from the synergy between these grounding documents. Each of these courses is thematically oriented and historically recursive.

**Dedicated Core Replacements:** All departments have an opportunity to teach an honors section of their Distributive Core courses. Each of these honors offerings meets certain protocols--such as expectations for greater depth or student involvement--and is approved by the Honors Advisory Council. These sections are open primarily to honors students, however, instructors have the option to allow any student to take the course.

The most accomplished students accepted into Regis College are invited each spring to make application to participate in this more rigorous and interdisciplinary curriculum. The Honors Program is competitive and normally limited to 42 students per year. Participation in Honors also promotes integration of a student's intellectual life with personal, community, and world experiences. All Honors students prepare either a Senior Thesis or a Senior Portfolio, so the program is especially well suited for anyone planning on graduate study or a professional program such as law or medicine.

To be distinguished as an honors graduate, a student must maintain a 3.500 cumulative grade point average, complete at least 27 semester hours of dedicated honors courses, and complete either a Senior Thesis or a Senior Portfolio. Students interested in the Honors Program should contact the director to apply by February 1<sup>st</sup> of the year they intend to matriculate at Regis University. Honors scholarship consideration will be given to all honor applications received by March 15<sup>th</sup>.

The honors program is open to students from every major in Regis College. However, the Honors Program is not compatible with programs in Pharmacy or Exercise Science in Rueckert-Hartman College of Health Professions. Since these career-focused programs have their own unique core requirements tailored to meet their professional needs, students are unable to complete the Regis College honors curriculum. The nursing program poses similar challenges; however their unique core requirements offer a bit more flexibility and occasionally nursing students will pursue the Regis College Honors Program for their first two years, then transition to nursing and RHCHP in their third year. Often these students go on to complete the disciplinary "honors in nursing" program through RHCHP. Although the "honors in nursing" program offers a wonderful opportunity for nursing students who wish to pursue an honors track, it's important to note that they are unable to complete the final courses and honors thesis required of Regis College Honors Program students. Therefore they are not eligible for honors scholarships.

All Honors students take a special Honors section of the following Core courses:

RCC 200H--Honors Writing Seminar:

The Idea of a University 3 SH

RCC 300H--Honors Seminar: Tradition and Innovation	3 SH
RCC 410H--Honors Seminar: Chaos and Order	3 SH
RCC 420H--Honors Seminar: Justice for All	3 SH
RCC 430H--Honors Seminar: Magis and the Search for Meaning	3 SH

In addition to the Integrative seminars, all Honors students also take at least four other honors courses, which may include three semester hours of the following:

HO 490E-W--Independent Study in Honors	1-3 SH
HO 493A--Honors Thesis Research Seminar A	0-2 SH
HO 493B--Honors Thesis Research Seminar B	0-2 SH
HO 499--Honors Thesis	0-2 SH

## HUMANITIES

Humanities courses offer an integrated approach to the liberal arts. Regis believes that a multi-disciplinary approach to learning can best help the undergraduate achieve the aims of a broad general education and provide a solid basis for more specialized learning in upper division courses.

Representative works from the literature and history of Western people are examined within the context of the philosophy, art, and music that helped shape Western civilization.

### Enrollment

Lower division courses (except for the Humanities Colloquium) are open to all Regis College students. Upper division courses may require the permission of the instructor, and may have lower division prerequisites. The Regis College Dean's Office may be contacted for further information.

## LEARNING SUPPORT

Courses designated by the "LS" prefix are available to Regis College students as electives in their program of study. The courses are designed to develop skills necessary for successful college-level academic work.

## MATHEMATICS

Dr. Timothy Trenary, Associate Professor, Chairperson

Dr. James Seibert, Professor

Dr. Suzanne Caulk, Associate Professor

Dr. Megan Patnott, Assistant Professor

Dr. Bethany Springer, Assistant Professor

Dr. Sally Duvall, Visiting Assistant Professor

## DEPARTMENTAL REGULATIONS

The modern language recommended for mathematics majors planning to enter graduate school is either French or German.

### Mathematics Major 24-36 SH

*Lower Division Requirements\** 0-12 SH

MT 360A--Calculus I 4 SH

MT 360B--Calculus II 4 SH

MT 360C--Calculus III 4 SH

*Upper Division Requirements* 24 SH

Twenty-four upper division semester hours of Mathematics courses, which must include:

MT 401--Logic and Proofs 3 SH

MT 415--Linear Algebra 3 SH

MT 423A--Abstract Algebra I 3 SH

MT 454--Real Analysis 3 SH

Upper Division Mathematics Electives 12 SH

Twelve upper division semester hours of mathematics selected from the following:

MT 405--Numerical and Computational Methods 3 SH

MT 426--History and Foundations of Mathematics 3 SH

MT 435--Applied Combinatorics 3 SH

MT 437--Cryptography 3 SH

MT 441--Modern Geometry 3 SH

MT 463--Differential Equations 3 SH

MT 470A--Mathematical Statistics I 3 SH

MT 470B--Mathematical Statistics II 3 SH

MT 480--Complex Analysis 3 SH

MT 495E-W--Advanced Topics in Mathematics 3 SH

### Mathematics Minor 12-20 SH

*Lower Division Requirements\** 0-8 SH

MT 360A--Calculus I 4 SH

MT 360B--Calculus II 4 SH

*Upper Division Requirements* 12 SH

Twelve upper division semester hours of Mathematics courses beyond the Core Studies requirement, selected with the approval of the major advisor.

\* Lower division major/minor requirements may not be required depending upon mathematics placement.

## MODERN AND CLASSICAL LANGUAGES AND LITERATURE

Dr. Gabriela Carrión, Associate Professor, Chairperson

Dr. Obdulia Castro, Professor

Dr. Deborah Gaensbauer, Professor

Dr. Kimberly Habegger, Professor

Dr. Elizabeth Medina, Professor

Dr. Wladimir Márquez, Assistant Professor

Dr. Fabrice Usman, Assistant Professor

### FRENCH

#### **French Major 31 SH**

##### *Lower Division Requirement*

The equivalent of second-year written and oral proficiency in another foreign language or the equivalent of first-year proficiency in another foreign language plus a six semester hour combination selected from the following options:

- Phonetics (if not already counted toward major) 3-6 SH
- Coursework towards certification in English as a second language 3-6 SH
- Coursework in bilingual education 3-6 SH
- Spanish for health care practitioners (if not already counted toward major) 3 SH
- Related coursework in other academic fields subject to departmental approval 3 SH
- Full-time enrollment for a minimum of one semester in a non-English-based study abroad program 6 SH

##### *Upper Division Requirements 25 SH*

Twenty-two upper division semester hours of French courses, which must include:

- FR 409--Advanced French I 3 SH
- FR 410--Advanced French II 3 SH
- FR 411--Advanced French III 3 SH
- FR 415--French Politics and Culture 3 SH
- FR 460--Romance Linguistics 3 SH
- FR 499--Senior Seminar 1 SH
- Upper Division French Electives 6 SH

Upper division semester hours in a related field selected in consultation with the French advisor. 3 SH

#### **French Minor 12 SH**

Twelve upper division semester hours of French courses selected with the approval of the French advisor.

### SPANISH

#### **Spanish Major 31 SH**

##### *Lower Division Requirement*

The equivalent of second-year written and oral proficiency in another foreign language or the equivalent of first-year proficiency in another foreign language plus a six semester hour combination selected from the following options:

- Phonetics (if not already counted toward major) 3-6 SH
- Coursework towards certification in English as a second language 3-6 SH
- Coursework in bilingual education 3-6 SH
- Spanish for health care practitioners (if not already counted toward major) 3 SH
- Related coursework in other academic fields subject to departmental approval 3 SH
- Full-time enrollment for a minimum of one semester in a non-English-based study abroad program 6 SH

##### *Upper Division Requirements 25 SH*

Twenty-five upper division semester hours of Spanish courses, which must include:

- SP 409--Advanced Spanish I 3 SH
- SP 410--Advanced Spanish II 3 SH
- SP 411--Advanced Spanish III 3 SH
- SP 430A--Survey of Spanish Literature 3 SH
- SP 430B--Survey of Latin American Literature 3 SH
- SP 460--Romance Linguistics 3 SH
- Upper Division Spanish Elective 6 SH
- SP 496--Senior Project 1 SH

NOTE: The Modern Language Department highly recommends study abroad as an integral part of the Spanish major.

#### **Spanish Minor 12 SH**

Twelve upper division semester hours of Spanish courses selected with the approval of the major advisor.

Majors or minors in languages other than French and Spanish are only available through thematic major and minor options described in this section of the Catalog. Consult with the Department and/or the Office of the Regis College Academic Dean regarding the Thematic major/minor option.

## NEUROSCIENCE

Dr. Mark Basham, Program Director

Dr. Jose Lafosse, Professor

Dr. Ashley Fricks-Gleason, Assistant Professor

Neuroscience is an interdisciplinary field in which scientists share a common interest in studying the anatomy, physiology, and function of the nervous system and how it regulates behavior. The major is designed to provide a strong foundation in neuroscience while giving students the flexibility to select courses that prepare them for a wide variety of career options. These include, but are not limited to, graduate study in neuroscience, physiological psychology, neuropsychology, and healthcare areas such as physical therapy, neuro-rehabilitation and medicine. Neuroscience is also a major for students who are simply interested in understanding the nature of brain-behavior relationships and want to pursue the field as part of a liberal arts education. Students will find that this major is compatible with a wide range of minors or double majors such as (but not limited to) Biology, Chemistry, Health and Exercise Science, Philosophy, or Psychology.

The Honors-in-Neuroscience major adds an independent research component to the Neuroscience major that further helps prepare students for graduate and professional schools or for research-oriented laboratory work.

Both Neuroscience majors are administered by the Department of Psychology and Neuroscience. Students should work closely with their major advisor to plan a program of study commensurate with their educational and vocational goals.

## DEPARTMENTAL REGULATIONS

The minimum passing grade for any course taken towards satisfying the Neuroscience major or minor is a "C-". This standard applies to all lower and upper division Neuroscience courses and all other courses required for the major or minor.

### Neuroscience Major 53-55 SH

*Lower Division Requirements* 25 SH

BL 260--Principles of Biology: Molecular and Cellular 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic 3 SH

BL 263--Organismic Biology Laboratory 1 SH

CH 210--General Chemistry I 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

NS 260/260C/260H--Introduction to Brain and Behavior 3 SH

NS 261--Introduction to Brain and Behavior Laboratory 1 SH

PY 250/PY 250C--General Psychology 3 SH

*Upper Division Requirements* 28-30 SH

NS 401--Advanced Neuroscience Methods 1 SH

NS 480--Cellular and Molecular Neuroscience 3 SH

NS 481--Cellular and Molecular Neuroscience Laboratory 1 SH

NS 485--Functional Neurophysiology and Neuroanatomy 3 SH

NS 486--Neurophysiology and Neuroanatomy Laboratory 1 SH

NS 487--Neuropsychology 3 SH

NS 495E-W--Seminar: Current Topics in Neuroscience 3 SH

### Research Component

PY 422--Research Methods and Behavioral Statistics I 3 SH

PY 423--Research Methods and Behavioral Statistics II 3 SH

PY 424--Research Methods and Behavioral Statistics Laboratory 1 SH

### Elective Component

One course with the accompanying co-requisite laboratory, if offered, in each of the following elective areas. NS 495E-W may also count as an upper division elective.

### Cellular/Molecular Electives

BL 412--Developmental Biology 3 SH

BL 414--Principles of Genetics 3 SH

BL 415--Genetics Laboratory 1 SH

BL 436--Human and Comparative Physiology 3 SH

NS 434--Behavioral Genetics 3 SH

NS 466--Psychopharmacology 3 SH

### Behavioral/Cognitive Electives

HES 440--Concepts of Motor Behavior 3 SH

NS 410--Neurological Disorders 3 SH

NS/PY 482--Sensation and Perception 3 SH

PY 442--Learning and Memory 3 SH

PY 443--Learning and Memory Laboratory 1 SH

PY 454--Cognitive Psychology 3 SH

### Additional NS Electives

NS 491--Independent Research in Neuroscience 1-3 SH

NS 497E-W--Research Internship in Neuroscience 3 SH

NS 498E-W--Internship in Neuroscience 3 SH

NOTE: It is recommended that students take as many of the courses listed in the Cellular/Molecular and Behavioral/Cognitive electives as can be accommodated.

### Honors-in-Neuroscience Major 59-61 SH

The Honors-in-Neuroscience major is designed for students who wish to complete a major research project as part of their program of study. To complete this major, a student must complete the same lower and upper division requirements of the neuroscience major, plus at least four semester hours of NS 491E-W--Research in Neuroscience (taken over two or more semesters) and two semester hours of Senior Thesis.

NS 491E-W--Research in Neuroscience\* 4 SH

NS 499--Senior Thesis 2 SH

\* Research or Independent Study in Biology, Biochemistry, Chemistry, or Psychology may be substituted for this requirement upon approval by the director of the Neuroscience Program after consulting with the instructor of the independent study.

Candidacy must be approved by the director of the Neuroscience Program. The candidate must:

1. Select a thesis advisor and submit a preliminary thesis proposal.
2. Complete a research project for Research in Neuroscience (or equivalent) credit.
3. Complete Senior Thesis requirements by:
  - a. Defending his/her research before a panel of faculty.
  - b. Presenting his/her research in a public forum such as a lecture in a class or a presentation at a professional meeting.
  - c. Submitting a final thesis that conforms to APA guidelines and is approved by the faculty examination committee.

### Neuroscience Minor 29 SH

*Lower Division Requirements 15 SH*

BL 260--Principles of Biology: Molecular and Cellular 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic 3 SH

BL 263--Organismic Biology Laboratory 1 SH

NS 260--Introduction to Brain and Behavior 3 SH

NS 261--Introduction to Brain and Behavior Laboratory 1 SH

PY 250/PY 250C--General Psychology 3 SH

*Upper Division Requirements 14 SH*

NS 480--Cellular and Molecular Neuroscience 3 SH

NS 481--Cellular and Molecular Neuroscience Laboratory 1 SH

NS 485--Functional Neurophysiology and Neuroanatomy 3 SH

NS 486--Neurophysiology and Neuroanatomy Laboratory 1 SH

NS 487--Neuropsychology 3 SH

NS 495E-W--Seminar: Current Topics in Neuroscience 3 SH

## PARACURRICULAR PROGRAM

Paracurricular courses are available to Regis College students as electives in their program of study. Courses are designed to complement a student's leadership, service, or work experiences by providing the accompanying theory and critical analysis.

### Paracurricular courses include:

- Leadership seminars from the Regis College Leadership Development Program.
- Peer Assistance Program for students chosen to administer the residence hall.
- Teaching Assistant Seminar for students serving as "TA's" for the Freshman Seminars.
- Service Learning Seminars to accompany service field activities.

## PEACE AND JUSTICE STUDIES

Dr. Geoffrey Bateman, Associate Professor, Chairperson

Dr. Eric Fretz, Associate Professor

Dr. Linda Land-Closson, Term Instructor

Peace and Justice Studies is an interdisciplinary program that provides the opportunity to explore complex social justice and peace issues in the 21<sup>st</sup> century from the perspective of multiple disciplines. Eleven departments contribute courses. The major introduces students to issues of injustice and violence, conflict resolution and the practice of nonviolence, social change theory and community organizing, case studies of social movements as well as historical, philosophical, economic, and religious understanding of peace and justice. Service learning and community internships are integrated into the academic program.

### Peace and Justice Major 30 SH

*Lower Division Requirement 3 SH*

PJ 200/PJ 200C--Peace and Justice in Theory and Practice 3 SH

*Upper Division Requirements 27 SH*

PJ 400--Foundations of Peace and Justice 3 SH

PJ 401--Research and Writing in the Community 3 SH

PJ 464--Stand Up and Fight: Community Organizing 3 SH

PJ 496--Peace and Justice Studies Project 3 SH



Six semester hours selected from the following:

PJ 451J--Climate Justice	3 SH
PJ 432G--Gender and Homelessness	3 SH
PJ 431--Freedom Movements	3 SH
RCC 400D--Introduction to Gender and Women's Studies	3 SH
RCC 400D--The Irish and their Troubles	3 SH
PJ 456--Liberation and Dynamics of Transformation	3 SH
PJ 418--Peace and Justice in Catholic Social Thought	3 SH
Upper Division Peace and Justice Electives (selected with the approval of the major advisor)	9 SH

### **Peace and Justice Minor 15 SH**

PJ 200/PJ 200C--Introduction to Peace and Justice	3 SH
PJ 400--Foundations of Peace and Justice	3 SH
PJ 494--Peace and Justice Studies Project	3 SH
Upper Division Peace and Justice Elective (selected with the approval of the major advisor)	6 SH

## **PHILOSOPHY**

Dr. Abigail Gosselin, Associate Professor, Chairperson

Dr. Karen Adkins, Professor

Dr. Ronald DiSanto, Professor

Dr. Jason Taylor, Associate Professor

Dr. Ted Zenzinger, Associate Professor

Dr. Becky Vartabedian, Assistant Professor

## **COURSE OFFERINGS**

The Department offers courses at the 200 and 400 levels.

PL 270/PL 270C--Philosophical Explorations: This course, required of all students, allows students to enter into the rich, millennia old philosophical conversation. As participants in this ongoing conversation, students will learn to question and develop their beliefs about the central issues of life, to clarify and modify their pre-suppositions, to grow in critical thinking, and to experience an intellectual conversion to responsible and reflective thinking. These goals will be accomplished through a close and careful study of original and secondary sources, Socratic class discussions, and writing assignments that stress critical evaluation of arguments, as well as, the development of arguments to support the student's own position.

**400-level courses:** Each of these courses is designed primarily for Philosophy majors and minors, for students in the Honors Program, for students seeking an academic challenge, or for those who have a strong interest in the topic of the course. The 400-

level courses work with challenging texts and concepts, introduce students to philosophical research, and require the completion of more extended writing assignments.

### **Philosophy Major 24 SH**

*Upper Division Requirements 24 SH*

Twenty-four upper division semester hours of Philosophy courses beyond the Core Studies requirement, which must include:

PL 499--Senior Capstone 3 SH

*One course on the history of philosophy selected from the following:*

PL 404--Classical Greek Philosophy 3 SH

PL 406--Later Classical Philosophy 3 SH

PL 411--Medieval Philosophy 3 SH

*One course on the history of philosophy selected from the following:*

PL 417--The Emergence of Modernity 3 SH

PL 418--The Philosophy of the Enlightenment 3 SH

PL 419--19<sup>th</sup> Century Philosophy 3 SH

*Two courses in Ethics, Politics, and Society selected from the following:*

PL 430--The Discourse of Non-Violence 3 SH

PL 448E-W--Special Topics in Ethics 3 SH

PL 448J--Selected Topics in Ethics: Environmental Ethics 3 SH

PL 448N--Selected Topics in Ethics: Drugs and Society 3 SH

PL 448M--Selected Topics in Ethics: The Politics of Poverty 3 SH

PL 450--Political Philosophy 3 SH

PL 451--American Political Thought 3 SH

PL 452--Philosophy of Law 3 SH

PL 457--Topics in Political Theory: Ancient Thought 3 SH

PL 458--Topics in Political Theory: Modern 3 SH

PL 459--Topics in Political Theory: Feminism 3 SH

PL 470--Feminist Theory 3 SH

PL 492J--Selected Themes in Philosophy: Justice, Economic Systems and Gender 3 SH

PL 492X--Selected Themes in Philosophy: Liberation and Dynamics of Transformation 3 SH

PL 494--Philosophical Practicum 3 SH

Any other 400-level ethics course chosen with advisor's approval 3 SH

Three 400-level Philosophy courses chosen with Advisor's approval 9 SH

**Philosophy Minor****12 SH**

Twelve upper division semester hours of Philosophy courses beyond the Core Studies requirement selected with the approval of the minor advisor.

**Ethics, Politics and Society Minor**

The courses that comprise this minor incorporate both philosophical perspectives and an applied perspective on problems at the intersection of ethics, politics, and society.

Twelve upper division semester hours of philosophy courses beyond the Core Studies requirement selected from the following:

PL 430--The Discourse of Non-Violence	3 SH
PL 448E-W--Special Topics in Ethics	3 SH
PL 448J--Selected Topics in Ethics: Environmental Ethics	3 SH
PL 448N--Selected Topics in Ethics: Drugs and Society	3 SH
PL 448M--Selected Topics in Ethics: The Politics of Poverty	3 SH
PL 450--Political Philosophy	3 SH
PL 451--American Political Thought	3 SH
PL 452--Philosophy of Law	3 SH
PL 457--Topics in Political Theory: Ancient Thought	3 SH
PL 458--Topics in Political Theory: Modern	3 SH
PL 459--Topics in Political Theory: Feminism	3 SH
PL 460--Critical Thinking	3 SH
PL 470--Feminist Theory	3 SH
PL 492J--Selected Themes in Philosophy: Justice - Economic Systems and Gender	3 SH
PL 492W--Selected Themes in Philosophy: Morality and Psychology of War	3 SH
PL 492X--Selected Themes in Philosophy: Liberation and Dynamics of Transformation	3 SH
PL 494--Philosophical Practicum	3 SH

**PHYSICAL EDUCATION**

Ms. Nan Williams, Program Director

A major in Physical Education is available only through the Thematic Major Program.

**DEPARTMENTAL REGULATIONS**

Independent Studies and Internships are given only to students with previous 400-level coursework in the department and who plan to minor in one of the areas listed below.

**Physical Education Minor****15 SH**

<i>Prerequisite</i>	3 SH
PE 333--First Aid Emergency Response	3 SH
<i>Upper Division Requirements</i>	12 SH

Twelve upper division semester hours of Physical Education courses.

**Physical Education: Coaching Minor****21 SH**

<i>Prerequisite</i>	3 SH
PE 333--First Aid Emergency Response	3 SH
<i>Upper Division Requirements</i>	18 SH
PE 413--Principles of Exercise Performance and Sport Nutrition	3 SH
PE 425--Principles of Coaching	3 SH
PE 426--Care and Prevention of Athletic Injuries	3 SH
PE 437--Sport Ethics	3 SH
PE 438--Sport Administration	3 SH
PE 498G--Internship in Coaching	3 SH

**PHYSICS AND ASTRONOMY**

Dr. Frederick Gray, Associate Professor, Chairperson

Dr. Quyen Hart, Associate Professor

Dr. Stephen Ray, Assistant Professor

Dr. David Bahr, Guest Professor

The Physics and Astronomy department educates the next generation of scientific and technology leaders within a moral, ethical and intellectually stimulating environment. Graduates are prepared not just for the technological challenges of the workplace but also for the exciting science that will drive the next generation of solutions. Physics and Astronomy address fundamental questions about the nature of the universe. How do conservation principles guide physical interactions? What is the structure of matter, space, energy, time, and information?

## ASTRONOMY

Astronomy is the scientific study of the universe, which includes celestial objects, such as stars, planets, and galaxies, both near and far. While a major is not available in this field, students who are interested in further advanced study in astronomy may pursue it within the physics major program.

## PHYSICS

Physicists develop and test models that describe the behavior of matter and energy at scales ranging from the subatomic to the galactic. Students in this program will take a variety of courses in classical and modern physics that will prepare them to understand phenomena at many points along this continuum, as well as exciting topics at the boundaries between physics and other scientific disciplines. Students will develop hands-on experimental and computational abilities while also sharpening their mathematical reasoning skills.

Both a traditional physics degree and a hybrid program in computational physics are offered. The computational physics degree emphasizes the close connections between the disciplines of physics and computer science and prepares students for a wide variety of careers in science and technology.

### **Bachelor of Science in Computational Physics 62 SH**

<i>Lower Division Requirements</i>	35 SH
CS 202--Computational Foundations	3 SH
CS 210--Introduction to Programming	3 SH
CS 310--Data Structures	3 SH
CS 324--Algorithms and Analysis	3 SH
MT 320--Discrete Mathematics	3 SH
MT 360A--Calculus I	4 SH
MT 360B--Calculus II	4 SH
MT 360C--Calculus III	4 SH
PH 304A--General Physics with Calculus I	3 SH
PH 305A--General Physics with Calculus Laboratory I	1 SH
PH 304B--General Physics with Calculus II	3 SH
PH 305B--General Physics with Calculus Laboratory II	1 SH
<i>Upper Division Requirements</i>	27 SH
MT 405--Numerical and Computational Methods	3 SH
MT 463--Differential Equations	3 SH
PH 408--Analytical Mechanics and Special Relativity	3 SH
PH 410--Electricity and Magnetism	3 SH
PH 451--Modern Physics Laboratory and Seminar	2 SH

PH 460--Quantum Theory and Spectroscopy	3 SH
PH 465--Statistical Mechanics and Thermodynamics	3 SH
PH 475--Physics Capstone Seminar	1 SH
Upper division computer science electives	6 SH
Chosen in consultation with the major advisor. May include 400-level computer science (CS) course or PH 420--Electronics.	

### **Bachelor of Science in Physics 58 SH**

<i>Lower Division Requirements</i>	33 SH
CH 210--Principles of Chemistry I	4 SH
CH 211--Principles of Chemistry Laboratory I	1 SH
CH 230--General Chemistry II	4 SH
CH 231--General Chemistry Laboratory II	1 SH
CS 210--Introduction to Programming	3 SH
MT 360A--Calculus I	4 SH
MT 360B--Calculus II	4 SH
MT 360C--Calculus III	4 SH
PH 304A--General Physics with Calculus I	3 SH
PH 305A--General Physics with Calculus Laboratory I	1 SH
PH 304B--General Physics with Calculus II	3 SH
PH 305B--General Physics with Calculus Laboratory II	1 SH
<i>Upper Division Requirements</i>	25 SH
MT 463--Differential Equations	3 SH
PH 408--Analytical Mechanics and Special Relativity	3 SH
PH 410--Electricity and Magnetism	3 SH
PH 420--Electronics	
or	
PH 425--Optics with Laboratory	4 SH
PH 451--Modern Physics Laboratory and Seminar	2 SH
PH 460--Quantum Theory and Spectroscopy	3 SH
PH 465--Statistical Mechanics and Thermodynamics	3 SH
Upper Division Physics/Astronomy Electives	3 SH
PH 475--Physics Capstone Seminar	1 SH
<b>Physics Minor</b>	<b>24 SH</b>
<i>Lower Division Requirements</i>	12 SH
PH 304A--General Physics with Calculus I	3 SH
PH 305A--General Physics with Calculus Laboratory I	1 SH

PH 304B--General Physics with Calculus II 3 SH

PH 305B--General Physics with Calculus Laboratory II 1 SH

MT 360A--Calculus I 4 SH

*Upper Division Requirements* 12 SH

Twelve upper division (400-level) semester hours of Physics courses selected with approval of the major advisor. Additional laboratory hours may be required.

## PRE-HEALTH SCIENCES

Health-science graduate programs such as medical, dental, and physical therapy schools select students after considering evidence of intellectual ability, motivation, an understanding of the nature of health professions, and past academic and personal achievement. Students should be prepared to answer the question "Why do you want to become a health care professional?" Toward that end, students are encouraged to gain experience in health-related service areas, including volunteer or internship opportunities. One aspect of achievement is the success of a student's curriculum, which should include a substantial amount of modern science. There are no official pre-health majors such as pre-medical, pre-dental, or pre-physical therapy majors; rather any major can be suitable, provided students satisfy the minimum course requirements for post-graduate work. Many applicants major in Biology, Biochemistry, Chemistry, Health and Exercise Science, or Neuroscience.

Standardized aptitude/achievement tests (MCAT, DAT, GRE) are given substantial weight by health-science graduate programs in the admissions process. A general background in the fundamentals of modern science is required for good performance on most of these tests. Therefore, any curriculum undertaken by a pre-health science student should include appropriate science courses. Because health science professions involve far more than basic science, students should demonstrate evidence of personal development, maturity, and experience. For further information and suggestions students should consult the pre-health sciences advisor and the pre-medical/health web page on the Regis University website. Students may wish to participate in activities of Alpha Epsilon Delta, the National Health Pre-professional Honor Society.

Pre-health science students typically take Biology (BL 260/261; BL 262/263) and Chemistry courses (CH 210/211; CH 230/231) freshman year, often with mathematics. The prerequisite requirements for programs vary both among disciplines and among schools within disciplines. The course prerequisites listed below are approximate and designed for students planning to apply to multiple schools. There are many health science professions in addition to those listed. Students should consult individual graduate programs for specific prerequisite requirements and additional recommended courses, and meet with their academic advisor and with the pre-health advisor.

### **Pre-Dental, Pre-Medical, and Pre-Veterinary Typical Prerequisites** 57-59 SH

BL 260--Principles of Biology: Molecular and Cellular 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic 3 SH

BL 263--Organismic Biology Laboratory 1 SH

BL 416--Molecular and Cellular Biochemistry  
or  
CH 452A--Biochemistry 3 SH

RCC 200--Writing Analytically 3 SH

CH 210--General Chemistry I 4 SH

CH 211--General Chemistry Laboratory I 1 SH

CH 230--General Chemistry II 4 SH

CH 231--General Chemistry Laboratory II 1 SH

CH 250--Organic Chemistry I 4 SH

CH 251--Organic Chemistry Laboratory I 1 SH

CH 420--Organic Chemistry II 3 SH

CH 421--Organic Chemistry Laboratory II 2 SH

EN 250--Literature Matters 3 SH

PY 250/PY 250C--General Psychology 3 SH  
and/or

SO 200/SO 200C--Introduction to Sociology 3 SH

Two courses in Mathematics including MT 272--Statistics  
for Life Sciences 6-8 SH

One of the following 8 semester hours options of physics:

- PH 202A--General Physics with Trigonometry I 3 SH
- PH 205A--General Physics with Trigonometry  
Laboratory I 1 SH
- PH 202B--General Physics with Trigonometry II 3 SH
- PH 205B--General Physics with Trigonometry  
Laboratory II 1 SH
- PH 304A--General Physics with Calculus I 3 SH
- PH 305A--General Physics with Calculus Laboratory I 1 SH
- PH 304B--General Physics with Calculus II 3 SH
- PH 305B--General Physics with Calculus Laboratory II 1 SH

### **Pre-Physician Assistant Typical Prerequisites** 48-50 SH

BL 260--Principles of Biology: Molecular and Cellular 3 SH

BL 261--Molecular and Cellular Biology Laboratory 1 SH

BL 262--Principles of Biology: Organismic 3 SH

BL 263--Organismic Biology Laboratory 1 SH

BL 406--Human and Comparative Anatomy	3 SH	One or more of the following courses in Psychology:	
BL 407--Human and Comparative Anatomy Laboratory	1 SH	PY 459--Developmental Psychology: Child	3 SH
BL 414--Principles of Genetics	3 SH	PY 460--Developmental Psychology: Adolescence	3 SH
BL 415--Genetics Laboratory	1 SH	PY 461--Developmental Psychology: Adulthood and Aging	3 SH
BL 418--Microbiology	3 SH	PY 471--Abnormal Psychology	3 SH
BL 419--Microbiology Laboratory	1 SH	One of the following 8 semester hours options of physics:	
BL 436--Human and Comparative Physiology	3 SH	• PH 202A--General Physics with Trigonometry I	3 SH
RCC 200--Writing Analytically	3 SH	PH 205A--General Physics with Trigonometry Laboratory I	1 SH
CH 210--General Chemistry I	4 SH	PH 202B--General Physics with Trigonometry II	3 SH
CH 211--General Chemistry Laboratory I	1 SH	PH 205B--General Physics with Trigonometry Laboratory II	1 SH
CH 230--General Chemistry II	4 SH	• PH 304A--General Physics with Calculus I	3 SH
CH 231--General Chemistry Laboratory II	1 SH	PH 305A--General Physics with Calculus Laboratory I	1 SH
English Literature Electives	6 SH	PH 304B--General Physics with Calculus II	3 SH
Two courses in Mathematics	6-8 SH	PH 305B--General Physics with Calculus Laboratory II	1 SH
<b>Pre-Physical Therapy Typical Prerequisites</b>	<b>53 SH</b>	Other recommended courses:	
BL 260--Principles of Biology: Molecular and Cellular	3 SH	HES 420--Functional Anatomy	3 SH
BL 261--Molecular and Cellular Biology Laboratory	1 SH	HES 421--Functional anatomy Laboratory	1 SH
BL 262--Principles of Biology: Organismic	3 SH	HES 430--Physiology of Exercise	3 SH
BL 263--Organismic Biology Laboratory	1 SH	HES 431--Physiology of Exercise Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH	HES 440--Concepts of Motor Behavior	3 SH
BL 275--Human Anatomy Laboratory	1 SH	HES 441--Concepts of Motor Behavior Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH	HES 450--Biomechanics of Exercise	3 SH
BL 277--Human Physiology Laboratory	1 SH	HES 451--Biomechanics of Exercise Laboratory	1 SH
RCC 200--Writing Analytically	3 SH	<b>Pre-Pharmacy Typical Prerequisites</b>	<b>53 SH</b>
CH 210--General Chemistry I	4 SH	BL 260--Principles of Biology: Molecular and Cellular	3 SH
CH 211--General Chemistry Laboratory I	1 SH	BL 261--Molecular and Cellular Biology Laboratory	1 SH
CH 230--General Chemistry II	4 SH	BL 262--Principles of Biology: Organismic	3 SH
CH 231--General Chemistry Laboratory II	1 SH	BL 263--Organismic Biology Laboratory	1 SH
HES 450--Biomechanics of Exercise	3 SH	BL 274--Principles of Human Anatomy	3 SH
MT 272/MT 272C--Statistics for the Life Sciences or		BL 275--Human Anatomy Laboratory	1 SH
HES 311--Research Design and Statistics	3 SH	BL 276--Principles of Human Physiology	3 SH
MT 360A--Calculus I	4 SH	BL 277--Human Physiology Laboratory	1 SH
PY 250/PY 250C--General Psychology	3 SH	BL 418--Microbiology	3 SH
		BL 419--Microbiology Laboratory	1 SH
		RCC 200--Writing Analytically	3 SH
		CH 210--General Chemistry I	4 SH
		CH 211--General Chemistry Laboratory I	1 SH
		CH 230--General Chemistry II	4 SH

CH 23I--General Chemistry Laboratory II	1 SH
CH 250--Organic Chemistry I	4 SH
CH 25I--Organic Chemistry Laboratory I	1 SH
CH 420--Organic Chemistry II	3 SH
CH 42I--Organic Chemistry Laboratory II	1 SH
COM 250--Speaking to Make a Difference	3 SH
EC 200--Economics for Responsible Citizenship	3 SH
MT 360A--Calculus I	4 SH
PL 270/PL 270C--Philosophical Explorations	3 SH
PY 250/PY 250C--General Psychology	3 SH
RT 20I/RT 20IC--Religion and the Human Quest	3 SH
SO 200/SO 200C--Introduction to Sociology	3 SH
Social Science Elective	3 SH

## PSYCHOLOGY

Dr. Mark Basham, Associate Professor, Chairperson

Dr. Jose Lafosse, Professor

Dr. Rona McCall, Professor

Dr. Rebecca Betjemann, Associate Professor

Dr. Brian Drwecki, Assistant Professor

Dr. Ashley Fricks-Gleason, Assistant Professor

Dr. Amanda Miller, Assistant Professor

Dr. Erin Winterowd, Assistant Professor

The curriculum of the Psychology major is designed to provide a working knowledge of factual and current theoretical information in the field. Content is balanced with the development of critical thinking, problem-solving skills, and an appreciation of cultural diversity. The application of psychological principles is strongly encouraged through service learning, internship, and research opportunities.

The department offers a Bachelor of Science degree in Psychology. The degree requirements are designed with the latitude to prepare students interested in:

- Pursuing graduate work in Psychology.
- Embarking on a career in Psychology or related area where a combination of analytic and human skills is applicable.
- A liberal arts education in which Psychology is a related and relevant major.

Students should work closely with their major advisor to plan a program of study commensurate with their educational and vocational goals.

## DEPARTMENTAL REGULATIONS

The major requires a minimum of 43 semester hours, of which a minimum of 27 semester hours must be taken from the Required Breadth Courses (see Required Breadth Courses for all majors below). With the approval of the Department, 300-level courses may be used in meeting major or minor requirements.

The Department requires that five upper division psychology courses plus PY 493--Senior Capstone (minimum 16 semester hours) be taken at Regis College to receive a degree with a major in Psychology.

The minimum passing grade for any course taken towards satisfying the psychology major or minor is a "C-". This standard applies to all lower and upper division psychology courses and all other courses required for the major or minor.

### **Psychology Major 47-48 SH**

#### *Lower and Upper Division Requirements*

NS 260--Introduction to Brain and Behavior	3 SH
NS 26I--Introduction to Brain and Behavior Laboratory	1 SH
PY 250/250C/250H--General Psychology	3 SH
PY 422--Research Methods and Behavioral Statistics I	3 SH
PY 423--Research Methods and Behavioral Statistics II	3 SH
PY 424--Research Methods and Behavioral Statistics Laboratory	1 SH
PY 493--Senior Capstone	2 SH

An additional natural science course with a laboratory chosen in consultation with an academic advisor. 4 SH

#### *Required Breadth Courses*

In addition to courses listed above, a minimum of 27 upper division semester hours of Psychology courses must be taken. Additionally, a minimum of two courses must be taken from each of the Groups A through D. The major advisor should be consulted about the best combination of courses to take from each group based on the student's educational and career goals. NOTE: Groups A-D equals a total of 25 semester hours. An additional course from one of these areas, or from the "Other Psychology Courses", must be taken to complete 27 upper division semester hours of Breadth Courses.

### **Group A - Lifespan Development 6 SH**

PY 459--Developmental Psychology: Child	3 SH
PY 460--Developmental Psychology: Adolescence	3 SH
PY 46I--Developmental Psychology: Adulthood and Aging	3 SH

### **Group B - Cognitive/Biological Processes\* 7+ SH**

PY 442--Learning and Memory	3 SH
and	
PY 443--Learning and Memory Laboratory	1 SH
PY 454--Cognitive Psychology	3 SH

PY 482--Sensation and Perception	3 SH
PY 485--Functional Neurophysiology and Neuroanatomy and	3 SH
PY 486--Neurophysiology and Neuroanatomy Laboratory	1 SH
PY 487--Neuropsychology and	3 SH
PY 488--Neuropsychology Laboratory	1 SH

\* One course from Group B must have a laboratory co-requisite.

**Group C - Individual Differences/Social Processes 6+ SH**

PY 441--Social Psychology	3 SH
PY 452--Psychological Testing and Assessment	3 SH
PY 470--Psychology of Personality	3 SH
PY 471--Abnormal Psychology	3 SH

**Group D - Applied Psychology 6+ SH**

PY 410--Neurological Disorders	3 SH
PY 418--Industrial and Organizational Psychology	3 SH
PY 434--Behavioral Genetics	3 SH
PY 445--Small Group Communication	3 SH
PY 450--Psychology of Gender	3 SH
PY 453--Clinical and Counseling Psychology	3 SH
PY 462--Behavior and Stress Management	3 SH
PY 465--Cross Cultural Psychology	3 SH
PY 466--Psychopharmacology	3 SH
PY 467--Human Sexuality	3 SH
PY 484--Forensic Psychology	3 SH

**Other Psychology Courses 0-3 SH**

PY 401--Advanced Neuroscience Methods	1 SH
PY 490E-W--Independent Study in Psychology *	1-3 SH
PY 491E-W--Research in Psychology *	1-3 SH
PY 496E-W--Special Topics in Psychology	3 SH
PY 497E-W--Research Internship in Psychology	3 SH
PY 498E-W--Internship in Psychology	3 SH

\* No more than 3 SH of PY 490E-W or PY 491E-W can count towards the completion of the major.

**Honors-in-Psychology Major 50-52 SH**

In addition to the major requirements listed previously, students who complete the following requirements may graduate with a Honors-in-Psychology major:

PY 499--Senior Thesis 2 SH

PY 491E-W--Research in Psychology 1-3 SH

1. Maintenance of an overall grade point average 3.000 and a grade point average of 3.250 in psychology.
2. Completion of three semester hours of PY 491E-W--Research in Psychology. A research project must be proposed to and approved by a faculty committee in preparation for PY 499--Senior Thesis.
3. Completion of PY 499--Senior Thesis. This represents completion of the research project proposed in PY 491E-W--Research in Psychology. The Thesis must conform to APA guidelines and be approved by the faculty thesis committee.
4. An oral defense of the thesis before a panel of faculty including the faculty committee.
5. Presentation of the research to a public forum such as a lecture or professional meeting.

**Psychology Minor 15 SH**

*Prerequisite*

PY 250/250C/250H--General Psychology 3 SH

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of Psychology courses selected with the approval of the major advisor.

**RELIGIOUS STUDIES**

Dr. Julia Brumbaugh, Associate Professor, Chairperson

Dr. Kari Kloos, Professor, Chairperson

Dr. Russ Arnold, Associate Professor

Dr. J. Thomas Howe, Associate Professor

Dr. Thomas Leininger, Associate Professor

**DEPARTMENTAL REGULATIONS**

- The Religious Studies Core requirement of six semester hours can be met with RT 201--Religion and the Human Quest and with another course designated by the subject RT, 300 level.
- RT 201--Religion and the Human Quest is the prerequisite for all other courses in Religious Studies. The second Core course requirement may be satisfied by any RT 300 level course.

- Any student seeking to utilize 12 or more semester hours of Religious Studies as part of any program at Regis is well advised to consult with the Religious Studies Department to facilitate the optimum selection of courses.
- Transfer students majoring in Religious Studies must take a minimum of 12 semester hours of upper division Religious Studies courses through Regis College. The Department evaluates previous work completed by each transfer student to determine whether additional coursework beyond the 12 semester hours is necessary.
- RT 499A and RT 499B (Senior Project A/B) are required of all majors.
- To graduate with a Religious Studies major, a grade of "C" (2.000) or better is required for all courses in the major.

### **Religious Studies Major 33 SH**

*Lower Division Requirements 9 SH*

RT 201/RT 201C--Religion and the Human Quest 3 SH

300-level RT Electives 6 SH

*Upper Division Requirements 24 SH*

Twenty-four upper division semester hours of Religious Studies courses (RT), which must include the following:

RT 426--Classics of Christian Thought 3 SH

RT 499A--Senior Project A and 1 SH

RT 499B--Senior Project B 2 SH

Six 400-level RT courses [minimum of one course (3 SH) in non-Christian religion or an interdisciplinary approach to the study of religion] 18 SH

### **Religious Studies Minor 18 SH**

*Recommended courses for Core Studies requirement include the following:*

RT 201/RT 201C--Religion and the Human Quest 3 SH

RT 300 level course 3 SH

*Upper Division Requirements 12 SH*

Twelve upper division semester hours of Religious Studies courses selected with the approval of the major advisor.

### **Christian Leadership Minor 12 SH**

Students may take a Christian Leadership minor through the Department of Religious Studies. It involves 12 upper division semester hours selected with the approval of the student's minor advisor who is appointed by the Chair of the Department of Religious Studies. The minor typically involves practical experience in Christian Leadership (e.g., an internship, work with

University Ministry, residence at Romero House). Interested students should contact the Chair of the Religious Studies Department.

## **RESERVE OFFICER TRAINING CORPS (ROTC)**

Enrollment in Reserve Officer Training Corps (ROTC) provides undergraduates and selected graduate students an opportunity to combine academic study with a military officer's professional educational program. The Air Force, Army, and Navy conduct courses in their respective areas leading to a regular or reserve commission upon graduation. The Navy also offers a program leading to a regular commission in the Marine Corps. All programs are open to both men and women. ROTC programs are offered in a cross-town agreement with the program at the University of Colorado-Boulder, although courses are sometimes available at Colorado School of Mines or at the Auraria Campus.

## **WOMEN'S AND GENDER STUDIES**

Dr. Geoffrey Bateman, Associate Professor, Program Director

### **Women's and Gender Studies Major 30 SH**

WGS 400--Introduction to Women's and Gender Studies 3 SH

WGS 498E-W--Internship in Women's and Gender Studies 3 SH

WGS 499--Women's and Gender Studies Senior Thesis 3 SH

Plus twenty-one semester hours of Women's and Gender Studies courses which must include a minimum of one course (3 SH) selected from the humanities and at least one course (3 SH) from the social sciences. Examples include:

#### **Humanities**

WGS 410E-W--Women in Literature 3 SH

WGS 435--Images of Women in Art and the Popular Media 3 SH

WGS 437--Writing By and About Hispanic Women 3 SH

WGS 460E-W--Women and Religion 3 SH

WGS 470--Feminist Theory 3 SH

WGS 485H--The Politics of Poverty 3 SH

WGS 490E-W--Selected Topics in Feminist Theory 3 SH

#### **Social Science**

WGS 411--Food, Gender, and Culture 3 SH

WGS 424--Sex, Gender and Society 3 SH

WGS 440--Gender, Sexuality and Communication 3 SH



WGS 444--Economics of Poverty and Inequality	3 SH
WGS 450--Psychology of Women	3 SH
WGS 467--Human Sexuality	3 SH
WGS 485E--Family Violence	3 SH

### **Women's and Gender Studies Minor 15 SH**

WGS 400--Introduction to Women's and Gender Studies	3 SH
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Upper Division Women's and Gender Studies Electives  
(selected with the approval of the major advisor) 12 SH

NOTE: WGS 400 is prerequisite for all upper division Women's and Gender Studies courses.

## **REGIS COLLEGE NON-TRADITIONAL UNDERGRADUATE PROGRAMS**

### **CERTIFICATE IN APPLIED CRAFT BREWING**

Mr. Matthew Peetz, Term Professor, Director

Dr. Catherine Kleier, Professor, Associate Director

OFFICE: Room 203 Felix Pomponio Family Science Center  
Regis University  
Mail Code: D-8  
3333 Regis Boulevard  
Denver, CO 80221-1099  
Phone: 303-964-6114  
[www.regis.edu/craftbrewing](http://www.regis.edu/craftbrewing)

The Certificate in Applied Craft Brewing in Regis College is designed for students who have taken undergraduate collegiate courses in basic biology, chemistry, and mathematics (one course each) or demonstrated some proficiency in these areas via CLEP testing and who seek to pursue interests or careers in craft brewing. This certificate provides focused study of the science, business, and practice of craft brewing with an emphasis on applying coursework. The program culminates with an internship experience in a brewery or brewing-relevant setting. Admission to this program is separate from the traditional undergraduate program in Regis College. Regis College undergraduates may not take Applied Craft Brewing courses as part of the traditional undergraduate program.

### **LEARNING FORMAT**

This program is offered as four eight-week evening courses and a sixteen-week independent internship administered online. The program may be completed in one year. The eight-week courses are classroom-based with some laboratory and brewing site-visit activities.

## **FACULTY**

The Applied Craft Brewing Certificate is distinguished by a faculty with advanced degrees in their appropriate disciplines and expertise in brewing.

## **ADMISSION**

### **Application Requirements**

- An online application form with application fee.
- A short essay outlining student interest in the program submitted with the application.
- Completion of an undergraduate degree or completion of the following pre-requisite collegiate coursework from a regionally accredited college or university or a passing grade on the appropriate CLEP examination:
  - one semester of biology,
  - one semester of chemistry, and
  - one semester of mathematics.
- Official transcripts demonstrating completion of an undergraduate degree, completion of the required collegiate courses, or passing CLEP test scores of 50 in each of these areas.
- Proof of age of 21 or older by beginning of first program course.
- Pass a criminal background check after admission.

### **Application Cycle**

Application for admission opens January 15th and will begin to be considered on February 1st. Admission will continue on a rolling basis until the class is full. Additional applications may be considered through August 20th.

### **Application Fee**

A nonrefundable application fee of \$50 is required. This fee must be paid in full before the application is processed.

### **Deposit**

Applicants must reply and send non-refundable \$350 deposit within 14 days of receipt of the offer of admission. Extension of this deadline may be granted by the program director on a case-by-case basis.

### **Probationary Admission**

Students who show promise for the program but were not competitive for admission, may be admitted at the discretion of the Program Director on a probationary basis. Successful completion of the first course with a grade of C (2.000) or better removes the probationary status and entitles students to good academic standing.

### Specificity of Admission

Admission is granted for this specific program and may not be transferred among programs. Switching programs requires re-application, and admission to the new program is not guaranteed.

### International Students

All international students seeking admission should check directly with the Program Office for specific information for requirements.

## APPLIED CRAFT BREWING CERTIFICATE CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$510
Application Fee (nonrefundable)	\$50
Home Brewing Supplies (approximate)	\$250

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to request a copy of the brochure, "Paying Your Tuition at Regis University."

## ACADEMIC INFORMATION

The Applied Craft Brewing Certificate Program follows the eight-week course schedule and the sixteen-week course schedule (for internship). Add/Drop and withdrawal deadlines coordinate with those in the respective schools. The same policies regarding appeals of disputed grades, academic student conduct, and academic dismissal that apply in the Regis College undergraduate program also apply to students in the Applied Craft Brewing Certificate.

## FINAL EXAMINATIONS

Final examinations occur during the regularly scheduled class period, via individual scheduling outside of class time, or via online examination. Eight-week courses do not have separate scheduled examination periods.

## INCOMPLETE GRADES

A student who is unable to take a final examination or complete final class coursework for a valid reason (i.e., emergency circumstances beyond the student's control) is eligible for a grade of incomplete. A student must specifically request an Incomplete grade in writing from the instructor, who will determine if the reason is valid based on his/her judgment and the policies outlined in the course syllabus. Students must resolve an Incomplete grade by the end of the next equivalent length academic period (e.g., by the end of the next semester for semester courses or by the end of the next eight-week course period for eight-week courses).

## TRANSFER CREDIT

Transfer credit is not awarded for the specialized coursework in the Applied Craft Brewing Certificate.

## ACADEMIC STANDING AND PENALTY

Students whose cumulative grade point average falls below 2.000 are placed on academic probation. Students placed on probation must raise their cumulative program grade point average to 2.000 in the subsequent term to be eligible for completion of the certificate. Suspension appeals are submitted to the Program Director. The review committee will be constructed in the same way as the review committee for appeal of disputed grades except that the program director will serve as the instructor usually does in that process. The student may be asked to attend part or all of the appeal review meeting.

## CERTIFICATE AWARD

Students earn the certificate after all requirements are met and documentation is on file. Incomplete grades may result in later award of certificate. A program cumulative grade point average of 2.000 is required for award of the certificate. Transcripts are not released if any financial indebtedness to Regis University exists.

<b>Applied Craft Brewing Certificate Requirements</b>		<b>16 SH</b>
BREW 400--Biology of Brewing		3 SH
BREW 410--Chemistry of Brewing		3 SH
BREW 430--Business of Craft Brewing		3 SH
BREW 496--Practical Brewing Skills		3 SH
BREW 498--Brewing Internship		4 SH

## REGIS COLLEGE GRADUATE PROGRAMS

### MASTER OF ARTS IN EDUCATION: GRADUATE TEACHER LICENSURE PROGRAM

Dr. Heidi Barker, Professor, Chairperson

Room 228 Carroll Hall  
Regis University  
3333 Regis Boulevard, Mail Code H-12  
Denver, CO 80221  
Phone: 303-458-4135 (Education Department Office)

#### OVERVIEW

The Master of Arts in Education: Graduate Teacher Licensure Program builds on the mission and goals of the Regis College Department of Education, the Master of Arts in Education (MAE) program, and the University's mission and graduate education philosophy statement. It is aligned philosophically and in delivery

style with the other Education programs and incorporates the many successful components of these programs, including but not limited to: a strong connection between theory and practice; classroom-based instruction that models the learning- and learner-centered, active pedagogy that the program cultivates in participating students; personalization; collaboration among learners and between the University and host schools; critical reflection, metacognition, and lifelong learning; and building and applying a belief system that values diverse students and communities. Building on the approach of the other Regis College education programs, the Master of Arts in Education: Graduate Teacher Licensure Program includes an explicit focus on issues of equity and social justice.

The MAE: Graduate Teacher Licensure Program offers a way for recent college graduates to earn a professional Colorado teaching license in an accelerated, intensive format. The program targets students who earned bachelor's degrees within the past five years, although it is open to anyone with a qualifying degree.

Teaching licenses can be earned in elementary education (23-35 semester hours), K-12 Art (17-29 semester hours), or secondary education (17-29 semester hours). Secondary content areas include science, mathematics, English, social studies, Spanish, French, German, or business/marketing.

Licensure coursework and over 800 hours in a classroom teaching internships can be completed within one calendar year, although elementary education requires an additional semester. A part-time format is also available. Courses take place on the Regis Lowell campus (generally during daytime hours, aligned with the traditional semester calendar, and integrated with undergraduate licensure students) and are taught by full-time faculty with extensive school-based experience.

The licensure coursework counts towards a master's degree. For students who wish to continue on to complete the Master of Arts in Education and the Culturally and Linguistically Diverse

Education Endorsement, an additional 15 credits are required. This coursework can be completed in as little as one year, and the courses are held on weekends, evenings, and summers to accommodate working teachers.

#### COURSE LOAD

The degree plan for the Master of Arts in Education: Graduate Teacher Licensure Program outlines the sequence of courses required to meet licensure requirements within a one year time period. Students (except students working toward elementary licensure) are encouraged to participate in this full-time program model, taking a full load of courses and engaging in school-based fieldwork. (Elementary education licensure requires a minimum of 3 semesters to complete). Students wishing to participate in the program on a part-time basis should speak to the program director when applying to the program to determine how long it will take to complete licensure requirements.

#### PROBATION POLICY

Students must maintain a GPA of 3.000 in all education coursework to continue in good standing. Students may be placed on probationary status for the following reasons:

- GPA falls below 3.000
- Unsatisfactory performance during field work
- Unsatisfactory performance during academic courses
- Issues regarding professionalism (attitudes and behaviors displayed in class and in field experiences as noted in the Department of Education Dispositions of Teaching document)

#### EXTENSION OF SCHOOL INTERNSHIP/STUDENT TEACHING

If students do not successfully complete their 800 required school internship/student teaching hours or do not demonstrate the required proficiency levels of classroom performance and professional dispositions, it may be necessary for them to extend their experience into a subsequent semester. In this case, students will be required to register for additional sections of ED 680 E-W—Fieldwork in Schools in the subsequent semester and to pay an additional School Internship/Student Teaching fee to cover direct costs of school-based and university-based supervision.

#### CAPSTONE PRESENTATION

Students in the Master of Arts in Education: Graduate Teacher Licensure will be assessed in summative fashion in the Teacher Work Sample and Portfolio (which are required by the program for licensure), and in a capstone presentation at the end of the licensure portion.

## GRADUATE TEACHER LICENSURE PROGRAM CHARGES FOR THE 2017 - 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$485
Application Fee (nonrefundable; waived for Regis College graduates)	\$50
School Internship/Student Teaching Fee [per semester (fall and spring), during licensure year]	\$250
Graduation Application Fee	\$50

The tuition, fees, and other charges previously described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to request a copy of the brochure, "Paying Your Tuition at Regis University."

## ADMISSION

### Requirements

1. A baccalaureate degree.
2. Submission of official transcripts for all college/university coursework and completion of transcript evaluation form.
3. An undergraduate cumulative grade point average of 3.00 from the baccalaureate degree-granting institution. Earned graduate credits may be considered in the GPA requirement as approved by the program director.
4. Students with a GPA below 3.00 have the option to apply for probationary status. To receive consideration for probationary status, students will need to submit a letter of explanation and an action plan for improvement.
5. Submission of the application packet, including: application form, current resume, personal statement, official transcripts as described above, a two page essay as described in the application form, names of three references, and a copy of a current Colorado Department of Education Substitute license
6. Academic preparation in alignment with Colorado Department of Education content area requirements for elementary, secondary, or K-12 art teacher licensure. Requirements are listed in the application packet.
  - a. Transcript review session (using the transcript evaluation form) with Department of Education staff or faculty is required to determine extent to which students meet the content requirements.
  - b. Additional coursework may be needed to meet state content area requirements for licensure. These courses can be taken at any accredited institution of higher

education. The courses must be successfully completed for admission to the program.

7. Content Area Exam: For admission, students will need to take and pass the State mandated assessment of content knowledge (the PLACE or Praxis II exam). Passing this exam is required for licensure. Students may not be allowed to continue with course work until the exam is passed.
8. Demonstrated Math Competency—At least 3 credits of college level mathematics and passing PLACE or Praxis Content Exam in area of licensure. (determined by transcript review).
9. Proof of TB Test: accepted students will need to submit proof of having taken a TB test. This can be done at selected doctor's offices. Deadline: by the end of the first full academic term in the program.
10. Proof of Professional Liability Insurance: accepted students will need to obtain coverage through the Colorado Education Association. Coverage currently costs approximately \$35. Deadline: by the end of the first full academic term in the program.

### Program Regulations

Committee on Teacher Education at Regis (COTER): All successful candidates will be admitted provisionally and will have their performance in courses and field placement classrooms reviewed by the Committee on Teacher Education at Regis (COTER) after each semester. Failure to demonstrate professional disposition, earn satisfactory grades, or satisfactory internship evaluations may result in suspension or expulsion from the program.

### Application Deadline

Applications for admission are accepted throughout the year. Early application prior to the desired starting date is encouraged.

### Requirements for Recommendation for Teacher Licensure

1. Students will be placed in school internship assignments by the Education Department Placement Coordinator or the program director according to a variety of criteria.
2. Successful completion of all assigned school internships/student teaching will be determined by completion of required hours, evaluation by cooperating teacher and Dispositions of Teaching. Three sections of ED 680E-H Fieldwork in Schools for two credit hours each (800 clock hours) must be completed successfully before being recommended for licensure.
3. A cumulative GPA of 3.000 or higher must be maintained in all education coursework for teacher licensure at Regis University.
4. Continued evidence of effective communication skills, teacher competencies, and characteristics/ teacher dispositions.
5. Successful completion of the State mandated assessment in program content (PLACE or Praxis II exam).

6. Successful completion of any outstanding coursework towards CDE content area requirements.
7. Completion of Regis College Teacher Work Sample and Portfolio, including Teacher Quality Standards at proficient level.
8. Successful completion of the capstone licensure presentation.

Should the student successfully complete these requirements, the Committee on Teacher Education at Regis (COTER) may recommend that the Regis representative officially approved by the Colorado Department of Education sign the student's application for state licensure.

The committee reserves the right to withhold recommendation for licensure based on deficiencies in any of the dispositions or behaviors listed or in any of the requirements of the program.

## PROGRAM OF STUDY/DEGREE REQUIREMENTS

### Elementary Education Graduate Teacher Licensure Requirements **23-35 SH\***

Successful completion of the following program at Regis may qualify a student to be recommended for licensure as an elementary teacher in Colorado. As described previously, additional coursework may be required to meet the State requirements for content preparation for elementary education.

\*Licensure credits may vary depending on courses transferred into the program

ED 601--Teaching the Exceptional Student in the General Education Classroom	3 SH
ED 603A--Elementary Reading and Writing: Content, Instruction, and Assessment	3 SH
ED 604--Foundations of Education in American Schools	2 SH
ED 606--Assessment of Learning	2 SH
ED 610--Language, Literacy and Linguistics for Educators	3 SH
ED 618A--Elementary Science: Content, Instruction and Assessment	3 SH
ED 618B--Elementary Mathematics: Content, Instruction and Assessment	3 SH
ED 618D--Elementary Social Studies: Content, Instruction, and Assessment	3 SH
ED 647--Multicultural Literature and Literacy Across the Elementary Curriculum	3 SH
ED 680E-H--Fieldwork in Schools	4 SH
ED 685--Theories and Strategies for CLD K-12	3 SH
ED 695--Seminar: Teaching and Learning in Diverse Schools	1 SH
ED 699--Capstone Licensure Presentation and Review	0 SH

### Secondary Education Graduate Teacher Licensure Requirements And K-12 Art, Music or Foreign Language Education Graduate Teacher Licensure Requirements **17-29 SH\***

Successful completion of the following requirements may qualify a student to be recommended for licensure in a specific subject area at the secondary level in the State of Colorado. As described previously, additional course work may be required to meet the State requirements for content preparation for specific subject areas. Students should consult a program advisor for the additional requirements for secondary education licensure, which are not listed here.

\*Licensure credits may vary depending on courses transferred into the program.

ED 601--Teaching the Exceptional Student in the General Education Classroom	3 SH
ED 603B--Secondary Literacy: Content, Instruction and Assessment	3 SH
ED 604--Foundations of Education in American Schools	2 SH
ED 606--Assessment of Learning	2 SH
One methods course pertinent to the major subject area of licensure selected from the following (ED 621-ED 633):	
ED 621--Secondary English: Content, Instruction, and Assessment	3 SH
ED 625--Secondary World Language: Content, Instruction, and Assessment	3 SH
ED 627--Secondary Mathematics Content, Instruction, and Assessment	3 SH
ED 628--Secondary Business: Content, Instruction, and Assessment	3 SH
ED 629--Secondary Science: Content, Instruction, and Assessment	3 SH
ED 631--Secondary Social Studies Content, Instruction, and Assessment	3 SH
ED 633--K-12 Art: Content, Instruction, Assessment	3 SH
ED 635--Secondary Curriculum Planning and Classroom Management	3 SH
ED 680E-H--Fieldwork in Schools	4 SH
ED 685--Theories, Strategies, and Assessment for CLD K-12	3 SH
ED 695--Seminar: Teaching and Learning in Diverse Schools	1 SH
ED 699--Capstone Licensure Presentation and Review	0 SH

**Additional Secondary Education Licensure Requirements:**

Candidates must meet the numeracy requirement (CDE Performance Based Standard #2) as noted in "Requirements for Accepted Students."

Secondary English candidates must also take Adolescent or Young Adult Literature (3 SH) as part of content competency requirements. This course can be taken at any accredited institution of higher education.

### **Additional Requirements for Master of Arts in Education: Graduate Teacher Licensure 15 SH**

Once students have completed licensure requirements and are teaching in their own classroom, students may take the following courses to complete the Master of Arts in Education degree:

MAE 614--Action Research: Foundations	3 SH
MAE 616--Action Research: Application	3 SH
Electives/Strands	10 SH

Students choose from among MAE courses in Culturally and Linguistically Diverse Education, Teacher Leadership or Learning and Teaching strands. However, completion of the ten credits listed below combined with the licensure requirements complete the academic requirements for the state CLD Endorsement.

**Culturally and Linguistically Diverse Strand**

MAE 665G--Linguistics I: Language Acquisition	3 SH
MAE 665R--Linguistics II: Form and Function	3 SH
MAE 655I--Assessment for Culturally and Linguistically Diverse Education	3 SH
MAE 605M--Multicultural Perspectives*	3 SH

\*if a student has met this requirement as an undergraduate, the student may take another MAE elective.

**GRADUATE PROGRAMS IN BIOLOGY**

Dr. Jay Campisi, Associate Professor, Biology Chair

OFFICE: Room 203 Felix Pomponio Family Science Center  
Regis University  
Mail Code: D-8  
3333 Regis Boulevard  
Denver, CO 80221-1099  
Phone: 303-964-6114

**INTRODUCTION**

Graduate Programs in Biology in Regis College are designed to assist students with preparing for the next steps in their lives by providing high quality educational experiences in specialized areas of the biological sciences.

The Department of Biology offers the following options at the graduate level:

- Master of Science in Biomedical Sciences
- Master of Science in Environmental Biology
- Applied Environmental Biology Academic Certificate
- Biomedical Genetics and Genomics Certificate

**Application Requirements**

- An online application form with application fee.
- An essay or personal statement submitted with the application.
- Official score notification from the appropriate standardized examination service (e.g., MCAT, DAT, GRE). Not required for certificate programs or students admitted via Regis University Guaranteed Admission Program or AJCU Priority Admission Program (see below).
- Official transcripts for all college/university coursework. Not required for students admitted via Regis University Guaranteed Admission Programs.
- Two letters of academic or professional recommendation. One letter must be written by a college or university instructor in the natural sciences or mathematics. Students may submit an optional third letter to demonstrate a wider range of pre-graduate activities such as relevant work experience. Recommendation letters are required for students under Priority Admissions but are not required for students admitted via Regis University Guaranteed Admission Programs. All documents submitted during the application process become the property of Regis University.

**Application Cycle**

For August start programs, application for admission opens sometime between December 1<sup>st</sup> and January 15<sup>th</sup> and will begin to be considered on February 1<sup>st</sup>. Admission will continue on a rolling basis until the class is full. The full consideration deadline is May 31<sup>st</sup>. Additional applications may be considered through August 1<sup>st</sup>.

For programs starting in January, application for admission opens sometime between January 15<sup>th</sup> and March 15<sup>th</sup> for the following year. The full consideration deadline is October 15<sup>th</sup>. Admission will continue on a rolling basis until the class is full. Based on availability of space, additional applications may be considered through December 15<sup>th</sup>.

**Application Fee**

A nonrefundable application fee of \$50 is required. This fee must be paid in full before the application is processed. The fee is waived for Regis University students.

**Deposit**

Applicants must reply and send a non-refundable \$350 deposit within 14 days of receipt of the offer of admission to a Program. Extension of this deadline may be granted by the program director on a case-by-case basis.

### Probationary Admission

Students who show promise for the program but do not meet all admission criteria, may be admitted on a probationary basis. Successful completion of the full coursework of the first semester with a 3.000 grade point average removes the probationary status and entitles students to good academic standing in the second semester.

### Specificity of Admission

Admission is granted for a specific program and may not be transferred among programs. Switching programs requires re-application, and admission to the new program is not guaranteed.

### International Students

All international students seeking admission should check directly with the Admissions Office for specific information. All international students must complete the admission requirements for the program of interest and also the following requirements.

- Submit an official score report of Test of English as a Foreign Language (TOEFL) with a score of 95 points or higher and at least 22 points or higher on each individual skill section (or the equivalent for other formats). The Program Director will waive this requirement for students who are from a primarily English-speaking country and who speak English fluently as assessed by a phone or online video conversation (e.g., Australia, Bahamas, Barbados, Belize, Canada, Dominica, Ghana, Ireland, Jamaica, Malta, New Zealand, South Africa, Trinidad & Tobago, United Kingdom).
- For the accepted student, submit to the Admissions Office documentation of financial ability to pay one year's expenses, including tuition, living expenses, etc., for issuance of an I-20 by the Office of Academic Records and Registration. An I-20 cannot be issued until the student has been admitted by the University and an academic program. Additional English instruction may be required upon or after admission to the program to ensure success in completing coursework.
- For accepted student, Visa information must be received by the Program Office one month prior to the program start date. To ensure enough time for the processing of international student applications, it is recommended that international students apply no later than April 1st. Applications received later may not be processed in time and may have to be held for the following academic period. International students are accepted conditionally until 2 and 3 above are completed, after which full acceptance will be granted.

### Regis University Guaranteed Admissions Program

Regis University students may be eligible for Guaranteed Admission into Biology Graduate programs if they successfully meet all the following requirements:

- Complete at least three years of full-time study (six regular semesters) through Regis University.
- Must be enrolled full-time in courses for the Spring semester that would fulfill remaining Regis University graduation

requirements. (An exception can be made for up to 9 SH of outstanding coursework that the student intends to complete in the subsequent summer. A plan for taking remaining requirements must be noted in the Guaranteed Admission request.)

- Must not have a record of academic misconduct on file in the appropriate Dean's Office.
- Must submit a Guaranteed Admissions request to the Biology Graduate Program Office by the deadline (March 31st of the year of desired program entry).
- Have a cumulative Regis College grade point average of 3.00 or above for the Environmental Biology programs or 3.33 or above for the Biomedical Sciences program in the required coursework listed below for each program.
- Complete the required pre-requisite coursework with minimum grades of B or higher in Regis College as indicated for each program below (unless otherwise indicated).

*M.S. in Biomedical Sciences and Certificate in Biomedical Genetics and Genomics guaranteed admission course requirements:*

- BL 260\* and BL 261 or 261H Principles of Biology: Molecular and Cellular & Laboratory (B+ or higher).
- BL 262\* and BL 263 or 263H Principles of Biology: Organismic & Laboratory (B+ or higher).
- BL 416 Molecular and Cellular Biochemistry or CH 452A Biochemistry I
- CH 210\* and CH 211 or CH 220 and CH 221 General Chemistry I and Laboratory
- CH 230 and CH 231 General Chemistry 2 and Laboratory
- CH 250 and CH 251 Organic Chemistry I and Laboratory
- CH 450 and CH 451 Organic Chemistry 2 and Laboratory
- MT 272 Statistics for Life Sciences
- PH 202A and PH 203A or PH 304A and 305A Physics I and Laboratory
- PH 202B and PH 203B or PH 304B and 305B Physics 2 and Laboratory
- RCC 200 or RCC 200H Writing Analytically
- At least two of the following upper-division courses with pre-requisite Laboratory if offered. BL 406 and 407 Anatomy, BL 414 and 415 Genetics, BL 418 and 419 Microbiology, BL 436 Physiology, BL 466 Immunology, or BL/PY/NS 485 and 486 Neuroanatomy and Neurophysiology.

*M.S. Environmental Biology and Certificate in Applied Environmental Biology guaranteed admission course requirements:*

- BL 260\* and BL 261 or 261H Principles of Biology: Molecular and Cellular & Laboratory

- BL 262\* and BL 263 or 263H Principles of Biology: Organismic & Laboratory
- BL 402 and BL 403 or ENVS 402 and ENVS 403 Principles of Ecology and Laboratory
- CH 210\* and CH 211 or CH 220 and CH 221 Principles of Chemistry I and Laboratory (C or higher)
- MT 272 Statistics for Life Sciences
- RCC 200 or RCC 200H Writing Analytically
- At least two upper-division courses with introductory science course pre-requisites in Biology (BL) or biologically-focused Environmental Science (ENVS) focused on Ecology or Evolution.

\*Introductory biology and chemistry lecture courses for which credit has been granted via AP, IB, or College Articulation agreements in high school are waived.

- M.S. in Environmental Biology applicants (not Certificate Applicants) also must meet the physical requirements of being able to hike for an hour outdoors and being able to spend full days outdoors for field work for the program (not required for the M.S. in Biomedical Sciences or the Applied Environmental Biology Certificate Program).
- Obtain a positive recommendation from the Guaranteed Admissions Program Advisor who will base this recommendation on verification of the student's meeting the requirements, information gathered from Regis faculty about student preparation and maturity, a short informal in-person or phone interview, and any other information relevant to the appropriate fit between the student and the program.

No standardized test score (e.g., GRE, MCAT, DAT), formal recommendations, official transcript submission, or additional application to the M.S. program are required if a student meets the criteria of a Guaranteed Admission Program.

Regis College students not meeting the Guaranteed Admissions criteria remain eligible to apply to the Biology Graduate Programs (without application fee) and have their applications competitively reviewed.

Students approved for Guaranteed Admission will automatically progress into the graduate program, after completing the requirements for the Regis undergraduate degree while maintaining the above conditions of eligibility.

### **AJCU Priority Admissions Program (Environmental Biology only)**

Non-Regis students from Association of Jesuit Colleges and Universities (AJCU) member institutions (United States Jesuit Colleges and Universities) may be eligible for Priority Admission into the M.S. in Environmental Biology or Certificate in Applied Environmental Biology program if they successfully meet all the following requirements:

- Complete at least three years of full-time study (six regular semesters) through an AJCU school or schools.

- Must be enrolled full-time in courses for that would fulfill remaining AJCU school graduation requirements by the end of the current academic year. (An exception can be made for up to 9 SH of outstanding coursework that the student intends to complete in the subsequent summer. A plan for taking remaining requirements must be noted on the Guaranteed Admission request form.)
- Must not have a record of academic misconduct on file at the AJCU institution.
- Must submit a Priority Admissions Application form with application fee to the Biology Graduate Program Office by the deadline (March 31st of the year of desired program entry).
- Must submit two positive recommendations (at least one from a natural-science faculty member at the AJCU school) that provide evidence of student academic capacity, maturity, and fit with the program.
- Must submit official collegiate transcripts from the AJCU school and any other school where the student completed courses required for program admission or completed more than 9 SH of coursework.
- Have a cumulative AJCU-school grade point average of 3.00 or above in the required coursework listed below.
- Complete the *Environmental Biology Priority Admission Course Requirements* with minimum grades of a B or higher (unless otherwise indicated).
  - Year of introductory biology\* with laboratories.
  - A semester of ecology (must be a course with ecology content and with an introductory biology pre-requisite).
  - A semester of collegiate chemistry for science students\* with laboratory. (C or higher)
  - A semester of collegiate statistics.
  - A course in English composition.
  - At least two upper-division courses with introductory science course pre-requisites in Biology or biologically Focused Environmental Science focused on Ecology or Evolution (B or higher).

\*Except for introductory biology and chemistry lecture courses for both program areas for which credit has been granted via AP, IB, or College Articulation agreements in high school and recognized by the AJCU institution. These pre-requisites are waived in this circumstance.

- M.S. in Environmental Biology applicants also must meet the physical requirements of being able to hike for an hour outdoors and being able to spend full days outdoors for field work for the program (not required for the Certificate Program).
- Obtain a positive recommendation from the Guaranteed Admissions Program Advisor who will base this recommendation on verification of the student's meeting the requirements, information gathered from Regis faculty about



student preparation and maturity, a short informal in-person or phone interview, and any other information relevant to the appropriate fit between the student and the program.

No GRE score or additional formal application to the M.S. or Certificate program are required if a student meets the criteria of the Priority Admission program.

AJCU students not meeting the Priority Admissions criteria remain eligible to apply to the M.S. or Certificate program and have their applications competitively reviewed.

Students approved for Priority Admission will progress into the M.S. in Environmental Biology or Certificate in Applied Environmental Biology, after completing the requirements for the undergraduate degree in Regis College while maintaining the above conditions of eligibility.

## ACADEMIC INFORMATION

Sixteen-week semester courses in Biology graduate programs follow the same fall- and spring-semester academic schedules as the Regis College undergraduate program, including final examination schedules and both add/drop and withdrawal deadlines. Eight-week accelerated courses in Biology graduate programs allow add/drop through the first week of the eight-week term and allow withdrawal from the second week through the fourth week of the term. One-week one-semester hour courses in Biology Graduate Programs do not allow students to Add/Drop after the course has started and allow withdrawal through the third day of the course.

The same policies regarding appeals of disputed grades, academic student conduct, and academic dismissal that apply in the Regis College undergraduate program also apply to Biology graduate programs.

## FINAL EXAMINATIONS

Final examinations in semester courses (16-week course) are assigned at the end of each semester for two hours each during final-examination week. The final examinations for semester courses in Biology graduate programs follow the same schedule as Regis College undergraduate courses, unless modified by the Director of the Program and the students are informed. Final examinations in accelerated eight-week courses occur during the regularly scheduled class period, via individual scheduling outside of class time, or via online examination. Eight-week courses do not have separate scheduled examination periods.

## INCOMPLETE GRADES

A student who is unable to take a final examination or complete final class coursework for a valid reason (i.e., emergency circumstances beyond the student's control) is eligible for a grade of incomplete. A student must specifically request an Incomplete grade in writing from the instructor, who will determine if the reason is valid based on his/her judgment and the policies outlined in the course syllabus. The length of time allowed to finish work and resolve an Incomplete grade is determined by the instructor in consultation with the student, but may not exceed the end of the next equivalent-length academic term (e.g., by the end of the

next semester for semester courses or by the end of the next eight-week course period for eight-week courses).

## TRANSFER CREDIT

Transfer credit is not awarded for graduate-level coursework in the Biomedical Sciences or Genetics and Genomics graduate programs given the closely coordinated nature of the curriculum in this one-year program and transfer credit is only given in limited circumstances in the Environmental Biology Programs (Such determinations are made by the program director).

## ACADEMIC STANDING AND PENALTY

Students whose cumulative grade point average falls below 3.000 are placed on academic probation. Students placed on probation must raise their cumulative program grade point average to 3.000 in the spring semester to be eligible for graduation. In addition, students who receive a grade of "C" or lower in two courses at the 600-level in the same semester are subject to academic review by the appropriate Program Director and may be suspended from the program. Suspension appeals are submitted to the Program Director. The review committee will be constructed in the same way as the review committee for appeal of disputed grades except that the program director will serve as the instructor usually does in that process. The student may be asked to attend part or all of the appeal review meeting.

## GRADUATION

### Application

The filing of a formal Application for Graduation with the Regis College Dean's Office is required at the beginning of the fall semester in the academic year the student intends to graduate. For students in the M.S. in Biomedical Sciences or the one-year M.S. in Environmental Biology programs, this is immediately after the start of the program.

### Degree or Certificate Award

Students graduate after all requirements are met and documentation is on file. Incomplete grades or late application may result in later award of degrees. A program cumulative grade point average of 3.000 is required for graduation with a degree. Certificates do not result in the award of a diploma and are not presented at commencement ceremonies.

Diplomas and transcripts are not released if any financial indebtedness to Regis University exists. Additional information regarding policies and procedures for making payment of account is located in the General Information section of this *Catalog* under the "Tuition, Fees, Room and Board Charges" heading.

### Attendance at Commencement Exercises

Attendance at commencement exercises by M.S. degree recipients is encouraged. The Office of Academic Records and Registration is notified through the Application for Graduation form of students' intent to participate in commencement.

## MASTER OF SCIENCE IN BIOMEDICAL SCIENCES

Dr. Jay Campisi, Associate Professor, Director

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### INTRODUCTION

The Master of Science in Biomedical Sciences Program in Regis College is designed for students who have completed an undergraduate degree and basic undergraduate science coursework and seek to enter a graduate program in the health sciences or health research (e.g., medicine, dentistry, physician assistant, pharmacy, biomedical research). This program provides a rigorous overview of basic sciences similar to that experienced in a first year graduate health program along with a direct externship experience in an area of interest to the student and a focus on helping students identify the best future career path for themselves in the Health Sciences. Students integrate their externship experience with their coursework in the production of their final project. The Program's mission is to prepare students academically for the next steps and their lives, particularly refining and achieving their health-related or biomedical science career goals.

### LEARNING FORMAT

This 9-month intensive Program includes both day (afternoon) and evening courses. Courses are scheduled to allow students larger blocks of time for studying, completing an externship, or volunteering. Given the time demands of this program and its required externship (10-15 hours per week), it is highly recommended that students not be employed for more than 10 hours per week. Dedicated graduate courses are classroom or laboratory based and no larger than 24 students. Courses are closely coordinated and include cross-course team-based learning. The externship course during spring semester is a guided academic externship in a health, biotechnology-research, or biomedical research setting that, along with the final Biomedical Seminar, requires completion of a written final research project and short presentation. The final program seminar includes a program cumulative examination.

### FACULTY

The Biomedical Sciences Program is distinguished by a faculty with doctoral degrees in scientific disciplines and expertise in biomedical sciences.

## BIOMEDICAL SCIENCES ADMISSION REQUIREMENTS

- Any baccalaureate degree earned from a US based regionally accredited college or university.
- Score from an appropriate standardized test (GRE, MCAT, DAT, PCAT, OAT, or VCAT), or meeting the criteria of the Regis University Guaranteed Admissions Program.
- Recommended undergraduate cumulative grade point average of 3.00 or above from the baccalaureate degree-granting institution. Earned graduate credits may be considered in the GPA requirement as approved by the program director. A minimum 2.7 grade point average is required.
- Completion of the following pre-requisite collegiate coursework with a grade of C or higher from a regionally accredited college or university:
  - A year of general or introductory biology for science students with laboratories
  - A year of general and/or inorganic chemistry for science students with laboratories
  - A semester of collegiate mathematics (statistics recommended).
  - A course in English composition.
  - A year of humanities courses (Art History, Classics, Ethics, History, Literature, Music History, Music Theory, Philosophy, Religious Studies, Theater History, Theology)
  - A year of organic chemistry, a year of physics, a second semester of collegiate mathematics, and a semester of genetics also are recommended. It is strongly recommended that students have all the course prerequisites for their health-program of interest completed before entering the Biomedical Master's program.

Note: The natural science and mathematics coursework must have been completed within the last 6 years. The program director may allow substitution of other coursework for specifically identified prerequisite courses or may waive the within-6-years requirement for science courses on a case-by-case basis. Probationary admission may be granted to students with deficiencies in one or two of the above criteria.

## BIOMEDICAL SCIENCES PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$820
Application Fee (nonrefundable)	\$ 50
Graduation Application Fee	\$ 50

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to

request a copy of the brochure, "Paying Your Tuition at Regis University."

### **M.S. in Biomedical Sciences Degree Requirements**

**32 SH**

BL 610A--Biomedical Sciences Seminar I	1 SH
BL 610B--Biomedical Sciences Seminar II	2 SH
BL 610C--Biomedical Sciences Seminar III	1 SH
BL 610D--Biomedical Sciences Seminar IV	1 SH
BL 613A--Biomedical Human Anatomy Laboratory and Seminar I	2 SH
BL 613B--Biomedical Human Anatomy Laboratory and Seminar II	2 SH
BL 614--Biomedical Genetics	3 SH
BL 616--Biomedical Biochemistry	3 SH
BL 618--Biomedical Human Physiology	4 SH
BL 619--Biomedical Physiology Laboratory	1 SH
BL 620--Biomedical Microbiology	3 SH
BL 621--Biomedical Microbiology and Immunology Laboratory	1 SH
BL 624--Biomedical Immunology	3 SH
BL 628--Biomedical Academic Externship	2 SH
BL 632--Biomedical Genomics	3 SH

## **CERTIFICATE IN GENETICS AND GENOMICS**

### **INTRODUCTION**

The Certificate in Genetics and Genomics is designed for students who have completed an undergraduate degree and basic undergraduate science coursework and seek to enter a graduate program in the health sciences or health research (e.g., medicine, dentistry, physician assistant, pharmacy, biomedical research, genetics research, genomics research). This program provides a rigorous background in health-relevant genetics and genomics. This Certificate program provides professional advising and credential enhancement focused on the area of genetics and health.

### **LEARNING FORMAT**

This program includes five courses that may be completed in 10 months. Courses are designed to accommodate daytime work or internship schedules in one week, accelerated eight-week, or hybrid classroom-online courses. Student may elect to complete the Certificate in more than one year, but should consider course pre-requisites in planning courses.

## **ADMISSION**

Admissions criteria and procedures are the same as for the M.S. in Biomedical Science except that they do not include the standardized test requirement and have different deadlines due to the January program start date.

## **GENETICS AND GENOMICS PROGRAM CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR**

Tuition (per semester hour)	\$820
Application Fee (nonrefundable)	\$50
Student Activity Fee	\$25
Graduation Application Fee	\$50

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to request a copy of the brochure, "Paying Your Tuition at Regis University."

## **CERTIFICATE REQUIREMENTS**

### **Genetics and Genomics Certificate Requirements**

BL 610A--Biomedical Sciences Seminar I or BL 630--Biomedical Genetics and Genomics Seminar	1 SH
BL 614--Biomedical Genetics	3 SH
BL 632--Biomedical Genomics	3 SH
BL 634--Cancer Genetics	3 SH
BL 636--Translational Genetics and Genomics	3 SH

## **MASTER OF SCIENCE IN ENVIRONMENTAL BIOLOGY**

Dr. Kristofor Voss, Assistant Professor, Director

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## INTRODUCTION

The Master of Science in Environmental Biology Program in Regis College is designed for students who have completed an undergraduate degree and basic undergraduate science coursework and seek to pursue careers in Environmental Science. This program provides focused study of the environment with an emphasis on environmental-study design and assessment along with a direct externship or research experience in an area of interest to the student. Students integrate their diverse program experiences with their coursework in the production of the final project. The Program's mission is to prepare students academically for the next steps in their lives, particularly refining and achieving their environmental career goals.

## LEARNING FORMAT

This program may be completed in two formats, a 10-month intensive program including afternoon and evening courses or a two year program involving a first year of evening courses and second year of afternoon courses. The 10-month intensive Program courses are scheduled to allow students larger blocks of time for studying, working part-time, or completing an externship. Given the time demands of this M.S. program and its required externship or research requirement (10-15 hours per week), it is highly recommended that students completing this program in one year not be employed for more than 15 hours per week. The two-year M.S. Program requires four evening courses in the first year and the remaining afternoon and evening courses in the second year. Courses are classroom or laboratory based. The M.S. degree requires completion of a written final research project and a program cumulative examination.

## FACULTY

The Environmental Biology Program is distinguished by a faculty with doctoral degrees in scientific disciplines and expertise in environmental biology.

## ADMISSION

- Any baccalaureate degree earned from a US based regionally accredited college or university.
- Score from the Graduate Record Exam (GRE) general test (GRE results also should be sent directly to Regis from the testing service), successful completion of the Applied Environmental Biology Certificate, meeting the criteria of the Regis University Guaranteed Admissions Program, or meeting the criteria of the AJCU Priority Admissions Program. Subject test not required.
- Recommended undergraduate cumulative grade point average of 3.00 or above from the baccalaureate degree-granting institution. Earned graduate credits may be considered in the GPA requirement as approved by the program director. A minimum 2.7 grade point average is required.
- Completion of the following pre-requisite collegiate coursework with a grade of C- or higher from a regionally accredited college or university:

- A year of general or introductory biology for science students with laboratories
- A semester of ecology (must be a course with ecology content and with an introductory biology pre-requisite)
- A semester of general and/or inorganic chemistry for science students with laboratories
- A semester of collegiate statistics
- A course in English composition
- Additional courses in ecology and evolution also are recommended but not required.

Note: The natural science and mathematics coursework must have been completed within the last 6 years. The Program Director may allow substitution of other coursework for specifically identified prerequisite courses or may waive the within-6-years requirement for courses on a case-by-case basis. Probationary admission may be granted to students with deficiencies in the above criteria.

- Ability to complete field work, including the ability to complete a one mile hike on uneven ground.

## ENVIRONMENTAL BIOLOGY PROGRAM CHARGES FOR THE 2017– 2018 ACADEMIC YEARS

Tuition (per semester hour)	\$650
Application Fee (nonrefundable)	\$ 75
Student Activity Fee	\$ 25
M.S. Graduation Application Fee	\$ 50
Estimated BL 651B airfare cost	\$400-\$800

Information regarding tuition payment options and refunds of tuition is available in the General Information section of this *Catalog*. Additionally, students are also urged to call Enrollment Services at 303-458-4126 or 1-800-388-2366 Ext. 4126, to request a copy of the brochure, "Paying Your Tuition at Regis University."

### M.S. in Environmental Biology Degree Requirements

**35 SH**

BL 650A--Environmental Biology Colloquium and Grant Writing	3 SH
BL 650B--Environmental Biology Colloquium and Project	3 SH
BL 651A--Introduction to Environmental Biology Skills	1 SH
BL 651B--Environmental Biology Fieldwork II	1 SH
BL 652--Environmental Biostatistics and Research Design	3 SH
BL 654--Advanced Ecology and Modeling	3 SH
BL 656--Forest and Vegetation Ecology and Management	3 SH
BL 657--Advanced Field Ecology Laboratory	1 SH
BL 660--Ecological Applications of Geographic Information Systems	4 SH

BL 662--Aquatic Ecology and Bioassessment	3 SH
BL 664A--Wetland Delineation Seminar	1 SH
BL 661B--Wildlife Ecology and Identification Seminar	1 SH
ENVS 650--Environmental Regulation and Impact Assessment	3 SH
One of the following courses.	
• BL 458--Behavioral Ecology	3 SH
• BL 658--Advanced Behavioral Ecology	3 SH
• ENVS 458--Behavioral Ecology	3 SH
One of the following courses.	
• BL 668--Environmental Biology Externship	2 SH
• BL 691--Graduate Research in Biology	2 SH

## CERTIFICATE IN APPLIED ENVIRONMENTAL BIOLOGY

### INTRODUCTION

The Certificate in Applied Environmental Biology is designed for students who have completed an undergraduate degree and basic undergraduate science coursework and seek to pursue or enhance careers in Environmental Science. This Certificate program provides focused study of the environment with a focus on environmental-study design and assessment.

### LEARNING FORMAT

This program includes four courses that may be completed in 10 months. Courses are accelerated eight-week evening classroom-based experiences with online components. Student may elect to complete the Certificate in more than one year, but should take BL 652 as a first course.

### ADMISSION

Admissions criteria and procedures are the same as for the M.S. in Environmental Biology except that they do not include the GRE or the field-work requirements.

### CERTIFICATE REQUIREMENTS

<b>Applied Environmental Biology Certificate Requirements</b>	<b>13 SH</b>
BL 652--Environmental Biostatistics and Research Design	3 SH
BL 654--Advanced Ecology and Modeling	3 SH
BL 660--Ecological Applications of Geographic Information Systems	4 SH
ENVS 650--Environmental Regulation and Impact Assessment	3 SH

## MASTER OF DEVELOPMENT PRACTICE

### OVERVIEW

The Regis Master of Development Practice prepares students to be facilitators of holistic development solutions rather than experts in a single discipline. Committed to social justice and service, Regis MDP graduates navigate economic, political, and social complexity as servant-leaders. They are project managers who collaborate effectively with a variety of development actors and approach development from an integrated, interdisciplinary and global perspective. Regis MDP graduates are able to engage communities in participatory and empowering ways, and to think critically and reflectively about their own development practice, preparing them for continuous improvement over the course of their professional lives.

### DEVELOPMENT PRACTICE CERTIFICATE CHARGES FOR THE 2017 – 2018 ACADEMIC YEAR

Tuition (per semester hour)	\$510
Technology Fee	\$250
Application Fee (nonrefundable)	\$50
Graduation Fee	\$50

### ADMISSION

#### Master of Development Practice Admissions Requirements

- Completed undergraduate degree from a regionally accredited institution or international equivalent
- International documentation with official transcripts submitted\*
- Faculty interview
- Application essay (per prompt)
- Current resume
- Language proficiency, test or equivalent (for international students)\*\*
- Completed online application at [regis.edu/apply](http://regis.edu/apply)

#### Certificate Admissions Requirements

- Completed undergraduate degree from a regionally accredited institution or international equivalent
- International documentation with official transcript submitted\*
- Two recommendations with supporting letters
- Application essay (per prompt)
- Current resume
- Language proficiency, test or equivalent (for international students)\*\*

- Completed online application at [regis.edu/apply](http://regis.edu/apply)

**\*International Credential Evaluation\*** : If your undergraduate degree is outside the U.S., you will need to submit an official academic, course-by-course transcript evaluation of foreign educational undergraduate credentials from one of the Regis University approved agencies. Approved agencies can be found at [www.naces.org](http://www.naces.org). Photocopies of the evaluation are not acceptable.

**\*\*** If English is not your native/first language, you must meet the following language requirement via the TOEFL (Test of English as a Foreign Language) or equivalent English language test.

Minimum scores for English language competency tests are as follows:

- TOEFL: Internet-based - 87
- TOEFL: Computer-based - 227
- TOEFL: Paper-based - 567
- IELTS: 5
- Cambridge: First Certificate in English (FCE)

If an approved academic or admissions authority determines through an alternate formal English language proficiency assessment that the necessary language proficiency requirements are met, the requirement for one of the above may be waived with approval.

## POLICIES AND ACADEMIC INFORMATION

Regis College undergraduate students can apply to the Development Practice graduate certificate program during their junior year. If accepted, up to 6 semester hours (two courses) are allowed to be taken as part of the students Regis College undergraduate degree.

A program overall GPA of 3.00 is required for the certificate program. Additionally, students are held to the graduate certificate requirements found in the General Information section of this *Catalog*.

### *Master of Development Practice Degree Requirements* 42 SH

#### Year One

DP 600--Models of Development Practice	3 SH
DP 605--Mapping, Metrics, and Money	3 SH
DP 606--Gender, Intersectionality and Agency	3 SH
DP 620--Research in Development Practice	3 SH

#### Year Two

DP 609--Participatory Planning	3 SH
DP 604--Climate, Energy, and Ecology	3 SH
DP 608--Economics, Enterprise, and Innovation	3 SH
DP 607--Rights, Duties, and Policy	3 SH
DP 699A--Field Emerson I	3 SH

#### Year Three

DP 610--Health and Development	3 SH
DP 630--Food, Water, and Energy	3 SH

DP 640--Data and Assessment	3 SH
DP 670--Just and Sustainable Education	3 SH
DP 699B--Field immersion II	3 SH

## Development Practice Graduate Certificate

The Development Practice Graduate Certificate equips students with applied curriculum that is community-based, holistic, reciprocal, and embedded in partnership from a global classroom to field work around the world. Graduates attain integrated development knowledge, skills, and practice. Courses occur weekly in-class, online, and in the field.

### Certificate Requirements 15 SH

DP 600--Models of Development Practice	3 SH
DP 605--Mapping, Metrics, and Money	3 SH
DP 606--Gender, Intersectionality and Agency	3 SH
DP 620--Research in Development Practice	3 SH
DP 698--Practicum	3 SH

## MASTER OF FINE ARTS IN CREATIVE WRITING

Dr. David Hicks, Professor, Co-Founder and Director

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## DEGREE OVERVIEW

The Mile-High MFA requires the successful completion of four 16-week writing semesters and five nine-day residencies. Students will begin with Orientation at the beginning of their first residency; following each residency will be a semester-long study in which students work one-on-one with a faculty mentor. By their final residency, students will have written and revised 150-250 pages of prose (fiction, nonfiction, graphic novel), 90-120 pages of writing for performance pieces, or 50-80 pages of poetry or flash fiction, along with 30-50 book critiques, an annotated bibliography, a book-length thesis, an introduction to their thesis, a critical essay in their chosen genre, and a Writing in the World Action Plan.

## DUAL-GENRE STUDY

Students typically choose one genre to study, but by the end of their second residency at the latest, they may apply for a *dual-genre study*, which will entail an additional (fifth) semester and an additional (sixth) residency.

**GENRES**

Fiction, Creative Nonfiction, Young-Adult Fiction, Poetry, Writing for Performance, Graphic Novel

**LOW-RESIDENCY**

The low-residency format offers the flexibility of working from home without sacrificing academic rigor.

Students will come to the Lowell campus in northwest Denver twice a year, in January and July, for nine-day residencies (out-of-town students will stay in a local hotel in January, and either on campus or in a hotel in July), then return home to work one-on-one with a faculty mentor (via email, an online class structure, and/or Skype) for the semesters that follow.

**MASTER OF FINE ARTS IN CREATIVE WRITING DEGREE REQUIREMENTS**

<i>MFA Degree Requirements</i>	54 SH
<i>MFA Dual-Genre Requirements</i>	66 SH
MFA 601--Residency I	3 SH
MFA 602--Residency II	3 SH
MFA 602D--Dual-Genre Residency	3 SH
MFA 603--Residency III	3 SH
MFA 604--Residency IV	3 SH
MFA 605--Residency V	3 SH
MFA 651--Writing Seminar I	9 SH
MFA 652--Writing Seminar II	9 SH
MFA 652D--Writing Seminar II - Dual-Genre	9 SH
MFA 653--Writing Seminar III	9 SH
MFA 654--Writing Seminar IV	9 SH
MFA 670--Writing in the World Action Plan	0 SH
MFA 680--Critical Essay I	1 SH
MFA 690--MFA Thesis	2 SH

**REGIS COLLEGE COURSE DESCRIPTIONS****UNDERGRADUATE****ANTHROPOLOGY (AN)**

AN 204/AN 204C. INTRODUCTION TO CULTURAL ANTHROPOLOGY (3). Introduces the methods and theory of cultural anthropology through a theoretical and comparative examination of the role of human life. Includes the study of cultural practices such as language, myth, gender, marriage, and sexuality, and economic and political practices in different cultures of the world. Cross listing: SO 204. NOTE: AN 204C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

AN 300. WRITING CULTURE (3). Develops an understanding of the formal schooling influences on individuals and ways society affects educational institutions. Explores information and tools used to understand and succeed in the educational system. NOTE: Majors and Minors only. Cross-Listing: SO 300.

AN 402. ETHNOGRAPHIC RESEARCH METHODS (3). The methods anthropologists and sociologists use to gain access, develop rapport, collect and analyze data, and interpret findings when studying culture and society. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: CJ 402 and SO 402.

AN 404. SURVEYS FOR SOCIAL CHANGE (3). Learn to design and analyze your own surveys and explore how quantitative research can be used to facilitate social change. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: and SO 404.

AN 407. PUBLIC ANTHROPOLOGY (3). Discusses anthropology's insights on culture and research techniques as means to analyze social, political, and economic problems and develop solutions. Focuses on the ways in which applied anthropology can analyze, inform, and influence policy in the United States and abroad, demonstrating anthropology's mainstream relevance. Prerequisite(s): SO 200 and SO 204 or AN 204, or permission of instructor. Cross listing: SO 407.

AN 408. GENDER AND CULTURE (3). Examines the cultural construction of sexuality and gender. Looks at a variation in ideas about sexuality, procreation and gender; how the individual learns gender roles; and how ideas about gender difference relate to kinship, economics, politics and religion. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross-listing: SO 408.

AN 411. FOOD, GENDER, AND CULTURE (3). Explores ways in which preparing, eating, and thinking about food reflects culturally determined gender and power relations in societies around the world. Prerequisite(s): One 200-level Sociology or Anthropology course, or any Women's and Gender Studies course. Cross listing: SO 411 and WGS 411.

AN 412. FOOD JUSTICE(3). Explores our relationship with food through analysis of power, privilege, and culture. Learn ways to change the alienation, structural violence, and injustice

experienced within dominant systems of food production and consumption. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: SO 412 and PJ 426.

**AN 414. VISUAL ANTHROPOLOGY (3).** Examines key anthropological concepts through an analysis of visual and written representations of societies throughout the world. Designed to complement both theoretical issues and ethnographic methods in anthropology. Cross-listing: SO 414.

**AN 421. INTRODUCTION TO COMMUNITY FOOD SYSTEMS (3).** Seeks to elaborate and deepen the understanding of the Community Food System concept. Begins with an investigation of the current moment in the global food system, its strengths and its inefficiencies. Explores issues as diverse as hunger, health and obesity, the limits of localism, food sovereignty to agroecological alternatives. Examines the use of Community Food Systems to better understand our alternatives to determine a different approach to growing food and feeding people. This is the introduction course for the Community Food Systems minor. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross-listing: SO 421.

**AN 423. MEXICAN AMERICANS IN THE U.S. (3).** Provides a general overview of Mexican Americans in the United States in contemporary society. Examines the history, culture, and past and present policies that have affected the community. Emphasizes racism, discrimination, prejudice, internal colonialism, split labor market theory, immigration, participation in social movements, and experiences with various social institutions such as the economy, politics, media, education, and the family. Prerequisite(s): SO 200 or SO 203 or permission of instructor. Cross listing: SO 423.

**AN 468E-W. TOPICS IN CULTURAL ANTHROPOLOGY (3).** Analysis of cultural, social and political changes and challenges in contemporary and ancient cultures. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor

**AN 469E-W. TOPICS IN CULTURE (3).** Analysis of origins, development, and changes/challenges of ancient and/or modern cultures. Prerequisite(s): SO 200 or AN 204 or permission of instructor. Cross listing: SO 469E-W.

**AN 485. ANTHROPOLOGY OF RELIGION (3).** Cross-cultural debates and definitions of religion, ritual, symbolism, beliefs and practices. Critically examines how religion is shaped by social categories such as kinship, exchange, the human life cycle, and the environment. . Prerequisite(s): One 200-level Sociology or Anthropology course and RT201 or permission of instructor. Cross listing: SO 485 and RT469E.

**AN 490E-W. INDEPENDENT STUDY IN ANTHROPOLOGY (1-3).** Offers opportunity for independent study in special topics of interest not covered in regularly offered courses under the direction of a faculty member. Prerequisite(s): Junior standing and approval of division director.

**AN 495. PRACTICUM IN COMMUNITY FOOD SYSTEMS (1-3).** Practicum course begins and ends in the garden. Students will walk away with a more intimate understanding of the planning and implementation of a small one acre organic urban garden. Explores biointensive and permaculture approaches to food production. Utilizing these skills, students will be able to produce

food and will understand how the production of food is an important aspect of the community food system concept. Examines the relationships between food production, distribution, processing, and consumption. Cross-listing: SO 495.

**AN 496. FOOD SYSTEMS SUMMER INTENSIVE (1-3).** Practicum course in community food systems that begins and ends in the garden. Students will walk away from this course with a more intimate understanding of the planning and implementation of a small one acre organic urban garden. Cross listing: SO 496.

**AN 498E-W. INTERNSHIP IN ANTHROPOLOGY (3).** Provides faculty-directed practical experience in an anthropology related working environment outside of Regis University. NOTE: Majors only, permission of instructor and Academic Internship Office Director is required.

**AN 499. MAJOR'S SEMINAR (3).** Capstone course provides Anthropology majors with information on graduate school, employment opportunities and particular ways their knowledge can be used to contribute to the community. Students are encouraged to participate in the community during this course. Cross-listing: SO 499.

## APPLIED CRAFT BREWING (BREW)

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**BREW 400. BIOLOGY OF BREWING (3).** Explores the microbial basis of brewing, including diversity, nutrition, reproduction, macro and micronutrient metabolism, and culture techniques of yeast and other fermenting microbes. Also discusses the basic biology of barley and hops. Prerequisite(s): BREW 410 and a collegiate course in introductory biology. NOTE: Admission to the Applied Craft Brewing Certificate Program required.

**BREW 410. CHEMISTRY OF BREWING (3).** Explores the chemistry of brewing practice. Includes discussion of malt, wort, and beer analysis and the theory and practice of carbonation. NOTE: Admission to the Applied Craft Brewing Certificate Program required.

**BREW 430. BUSINESS OF CRAFT BREWING (3).** Explores the merchandising and operations of microbrewing, with specific focus on finances, marketing, brewing policies and regulations, and developing a business plan. NOTE: Admission to the Applied Craft Brewing Certificate Program required.

**BREW 496. PRACTICAL BREWING SKILLS (3).** Explores the range of scientific, business, and practical skills necessary for craft brewing including an operational survey and beer sensory assessment. Includes visits to active breweries. Prerequisite(s): BREW 430.

**BREW 498. BREWING INTERNSHIP (4).** A supervised internship at a brewery or brewing-related internship site where students apply program coursework. Includes completion of an Applied Craft Brewing Certificate Program project. Prerequisite(s): Permission of instructor.

## ASTRONOMY (AS)

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**AS 250. PRINCIPLES OF ASTRONOMY (3).** Provides an introductory survey of the universe for non-science majors. Topics can include study of the night sky, light and telescopes, the



Sun, planets, stars, or cosmology. Co-requisite: AS 251.  
Prerequisite(s): MT 260 or equivalent or permission of instructor.  
NOTE: Designed for non-science majors to meet the Natural Science Core requirement when taken with AS 251.

**AS 251. PRINCIPLES OF ASTRONOMY LABORATORY (1).** Involves laboratory exercises accompanying and reinforcing lecture topics, including observations, computer simulations, and experimentation. May require field trips during or outside of class time. Co-requisite: AS 250. Prerequisite(s): MT 260 or equivalent or permission of instructor. NOTE: One three-hour evening laboratory each week required.

**AS 470. INTRODUCTION TO ASTROPHYSICS (3).** Reviews the observational bases of astrophysics, radiative properties of stars, stellar spectra, binary and variable stars, stellar interiors and evolution, and galaxies and cosmology. Includes observational work. Prerequisite(s): PH 304B. NOTE: Recommended as a physics elective or following completion of general physics and calculus. Cross-listing(s): PH 470.

## BIOLOGY (BL)

**BL 204E-W. TOPICS IN BIOLOGY (3).** Introduces students to scientific inquiry in the context of a focused biological topic. Develops student knowledge of biological content and includes discussion of relevant societal and ethical issues. Topics have included Human Genetics, DNA and Biotechnology, and Animals and the Environment. NOTE: This course has been approved to satisfy the core natural science with laboratory requirement when taken with BL 205E-W. Co-requisite: BL 205E-W.

**BL 205E-W. TOPICS IN BIOLOGY LABORATORY (1).** Introduces students to scientific inquiry through participation. Involves exercises accompanying and reinforcing lecture content. NOTE: One three-hour laboratory per week. Co-requisite: BL 204E-W.

**BL 208. BIOLOGICAL ANTHROPOLOGY (3).** Introduces students to scientific inquiry in the context of human biological variation and evolution. Develops student knowledge of human genetics, human evolution, the fallacy of human biological races, and the fossil evidence of human evolution. NOTE: This course has been approved to satisfy the core natural science with laboratory requirement when taken with BL 209. Co-requisite: BL 209.

**BL 209. BIOLOGICAL ANTHROPOLOGY LABORATORY (1).** Introduces students to scientific inquiry through participation. Involves exercises accompanying and reinforcing lecture content. Emphasizes the skeletal system, with examples used to illustrate hypothesis testing and use of evidence in making inferences about human relationships. NOTE: One three-hour laboratory per week. Co-requisite: BL 208.

**BL 216. HUMAN BIOLOGY (3).** Introduces students to natural science in the context of the human organism. Develops student knowledge of the biology and bioethical issues associated with scientific understanding of human disease, genetics, and biotechnology. NOTE: This course has been approved to satisfy the core natural science with laboratory requirement when taken with BL 217. Does not fulfill requirements for pre-nursing or other pre-health programs. Co-requisite: BL 217.

**BL 217. HUMAN BIOLOGY LABORATORY (1).** Introduces students to scientific inquiry through participation. Involves exercises accompanying and reinforcing lecture content. NOTE: One three-hour laboratory per week. Co-requisite: BL 216.

**BL 224. INTRODUCTION TO BOTANY (3).** Provides a comprehensive overview of botany. Introduces plant form and function, cells and tissues, diversity of plants, and concepts of pollination and reproduction. Discusses how plants adapt to environments and how plants are economically vital. Co-requisite(s): BL 225.

**BL 225. INTRODUCTION TO BOTANY LABORATORY (1).** Involves laboratory experiments accompanying and reinforcing lecture topics. Co-requisite(s): BL 224.

**BL 254. INTRODUCTION TO MEDICAL MICROBIOLOGY (3).** Surveys major groups of medically important pathogenic microorganisms, including viruses, bacteria, fungi, and protozoan's. Emphasizes microbiological principles, and introduces immunologic and epidemiologic concepts. Co-requisite: BL 255. NOTE: Designed specifically for pre-Nursing students. Does not fulfill the Natural Science Core requirement or requirements for other pre-Health programs, such as pre-Medicine, or Biology.

**BL 255. INTRODUCTION TO MEDICAL MICROBIOLOGY LABORATORY (1).** Involves laboratory experiments accompanying and reinforcing lecture topics. Co-requisite: BL 254. NOTE: One three-hour laboratory per week. Offered every spring semester.

**BL 260. PRINCIPLES OF BIOLOGY: MOLECULAR AND CELLULAR (3).** Introduces students to natural science, particularly the hypothesis testing and data analysis used in contemporary molecular and cellular biology. Develops student knowledge of the terms and concepts of cell biology, genetics and molecular biology. Highlights social and ethical issues. NOTE: Designed for Biology, Biochemistry, Environmental Studies, and Neuroscience majors, as well as for pre-medical, and other pre-health-science students. This course has been approved to satisfy the core natural science with laboratory requirement when taken with BL 261 or BL 261H. Offered every spring semester. Co-requisite: BL 261 or BL 261H.

**BL 261. MOLECULAR AND CELLULAR BIOLOGY LABORATORY (1).** Introduces study design, primary literature, data interpretation, and oral presentation of results. Reinforces lecture content and includes work with recombinant DNA. NOTE: One three-hour laboratory per week. Offered every spring semester. Co-requisite: BL 260 except for students with AP high school credit for BL 260.

**BL 261H. HONORS MOLECULAR AND CELLULAR BIOLOGY LABORATORY AND SEMINAR (1).** Introduces study design, primary literature, data interpretation, and oral presentation of results. Reinforces lecture content and explores broader themes of history and philosophy of biology. Includes work with recombinant DNA. NOTE: Students with AP credit are not required to take BL 260 as a co-requisite. One three-hour laboratory session per week. Honors students only or permission of instructor. Co-requisite: BL 260 except for students with AP high school credit for BL 260.

**BL 262. PRINCIPLES OF BIOLOGY: ORGANISMIC (3).** Introduces students to natural science, particularly the hypothesis

testing and data analysis used in contemporary organismic biology. Develops student knowledge of the terms and concepts of ecology, evolution and biodiversity. Highlights social and ethical issues. NOTE: Designed for Biology, Biochemistry, Environmental Studies, and Neuroscience majors, as well as for pre-medical and other pre-health-science students. This course has been approved to satisfy the core natural science with laboratory requirement when taken with BL 263 or BL 263H. Offered every fall semester. Co-requisite: BL 263 or BL 263H.

**BL 263. ORGANISMIC BIOLOGY LABORATORY (1).** Introduces study design, primary literature, data interpretation, and written presentation of results. Reinforces lecture content and includes fieldwork and one dissection. NOTE: One three-hour laboratory per week. Co-requisite: BL 262 except for student with AP high school credit for BL 262.

**BL 263H. HONORS ORGANISMIC BIOLOGY LABORATORY AND SEMINAR (1).** Introduces study design, primary literature, data interpretation, and written presentation of results. Reinforces lecture content and explores broader themes of history and philosophy of biology. Includes fieldwork and one dissection. NOTE: One three-hour laboratory per week. Honors students only or permission of instructor. Co-requisite: BL 262 except for student with AP high school credit for BL 262.

**BL 274. PRINCIPLES OF HUMAN ANATOMY (3).** Provides a comprehensive introduction to human anatomy including the integumentary, skeletal, muscular, sensory, nervous, endocrine, digestive, respiratory, circulatory, urinary, and reproductive organ systems. Co-requisite(s): BL 275. Prerequisite(s): Sophomore standing. One natural science course recommended. NOTE: Required for students intending Nursing or Pharmacy.

**BL 275. HUMAN ANATOMY LABORATORY (1).** Involves laboratory exercises accompanying and reinforcing lecture topics. Requires contact with human cadavers and skeletal materials. Co-requisite(s): BL 274. NOTE: Two one-and-a-half hour laboratories per week.

**BL 276. PRINCIPLES OF HUMAN PHYSIOLOGY (3).** Provides a comprehensive introduction to human physiology, including neurophysiology, endocrinology, muscular, cardiovascular, respiratory, renal, and gastrointestinal physiology. Co-requisite(s): BL 277. Prerequisite(s): High school chemistry or one semester of college chemistry or permission of instructor. NOTE: Required for students intending Nursing or Pharmacy.

**BL 277. HUMAN PHYSIOLOGY LABORATORY (1).** Involves laboratory exercises accompanying and reinforcing lecture topics. Requires work with human and non-human vertebrate tissues and fluids. Co-requisite(s): BL 276. NOTE: One three-hour laboratory per week.

**BL 402. PRINCIPLES OF ECOLOGY (3).** Develops student knowledge of ecological principles in the context of the primary scientific literature. Develops student facility in working with biological primary literature and understanding ecological investigations. Prerequisite(s): BL 260 and BL 262 and MT 272. Cross listing: ENVS 402. NOTE: Required for all Biology and Environmental Science majors.

**BL 403. ECOLOGY LABORATORY (1).** Involves research design and the collection, evaluation, and statistical analysis of ecological data in the laboratory and in the field. Co-requisite: BL 402.

Prerequisite(s): BL 261 and BL 263 and MT 272. Cross listing: ENVS 403. NOTE: Required for all Biology and Environmental Science majors BL or ENVS 402 is a required prerequisite or co-requisite.

**BL 406. HUMAN AND COMPARATIVE ANATOMY (3).** A rigorous organ-system-based course in human anatomy that also places human anatomical structure into its evolutionary and developmental context. Includes an overview of anatomical variation among vertebrates. Teaches anatomy as an active biological discipline. Co-requisite: BL 407. Prerequisite(s): BL 260 and BL 262. NOTE: Pre-Nursing and Pre-Physical Therapy students should take BL 274 to meet the requirements for these programs.

**BL 407. HUMAN AND COMPARATIVE ANATOMY LABORATORY (1).** Intensive laboratory course closely accompanying and reinforcing lecture content in human and comparative anatomy. Teaches anatomy as an active biological discipline. Includes work with skeletal and preserved specimens of humans and other vertebrates. Co-requisite: BL 406. Prerequisite(s): BL 261 and BL 263. NOTE: Pre-Nursing and Pre-Physical Therapy students should take BL 275. Class may require attendance at a few field trips outside of class time.

**BL 410. AQUATIC ECOLOGY (3).** Develops student knowledge of freshwater ecology in its physical and chemical context. Emphasizes aquatic communities and includes exploration of the impacts of human activities on aquatic systems. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 410.

**BL 412. DEVELOPMENTAL BIOLOGY (3).** Focuses on early development in a variety of model organisms and humans. Emphasizes modern approaches to explain molecular and genetic aspects of regulative and mosaic development, differential gene expression, and morphogenesis. Prerequisite(s): BL 260 and BL 262.

**BL 414. PRINCIPLES OF GENETICS (3).** Explores concepts of heredity, including the structure, replication, transmission, and expression of genes from the DNA of chromosomes. Interprets genetic phenomena at different levels of organization, including prokaryotic and eukaryotic systems. Prerequisite(s): BL 260 and BL 262. Co-Requisite: BL 415. NOTE: Required for all Biology majors.

**BL 414H. HONORS GENETICS SEMINAR (1).** Develops student understanding of the historic development, social context, and primary literature of genetics via discussion of readings in a seminar format. Prerequisite(s): BL 260 and BL 262. Co-requisite: BL 414. NOTE: Honors students only or permission of instructor.

**BL 415. GENETICS LABORATORY (1).** Involves research design and the collection, evaluation, and analysis of genetic data in computer simulations and in the laboratory. Prerequisite(s): BL 261 and BL 263. NOTE: Required for all Biology majors.

**BL 416. MOLECULAR AND CELLULAR BIOCHEMISTRY (3).** Develops student understanding of biomolecules in the context of cells and metabolic processes. Focuses on biological and biomedical relevance. Prerequisite(s): BL 260, BL 262 and CH 250.

**BL 418. MICROBIOLOGY (3).** Studies viruses, bacteria, archae, and eukaryotic microorganisms within a broad biological perspective. Includes the growth, metabolism, genetics, and

ecology of microbes. Introduces concepts of immunology, epidemiology and discusses major infectious diseases caused by microorganisms. Co-requisite: BL 419. Prerequisite(s): BL 260, BL 262 and CH 210.

**BL 419. MICROBIOLOGY LABORATORY (1).** Involves laboratory experiments accompanying and reinforcing lecture topics. Co-requisite: BL 418. Prerequisite(s): BL 261 and BL 263.

**BL 420. HUMAN GENOMICS (3).** Develops student knowledge of genomic variability, regulation, and structure with a focus on the human genome. Introduces students to fundamentals of bioinformatic genomic analysis. Prerequisite(s): BL 260, BL 262, and MT 272.

**BL 424. CELL AND CANCER BIOLOGY (3).** Develops an understanding of eukaryotic cell structure and function at the molecular level. Focuses on normal and abnormal signaling, signal transduction, cell-cycle control, metabolism, and genetic regulation in understanding cancer. Includes cancer detection, prevention, and treatment. Prerequisite(s): BL 260 and BL 262 and CH 230.

**BL 426. MOLECULAR BIOLOGY (3).** Develops student knowledge of genome structure, replication, expression and regulation in prokaryotes and eukaryotes. Generally introduces students to bioinformatics and biotechnology applications of molecular biology. Co-requisite: BL 427. Prerequisite(s): BL 260, BL 262 and CH 250.

**BL 427. MOLECULAR BIOLOGY LABORATORY (1).** Laboratory course emphasizing techniques of molecular biology using model organisms. Co-requisite: BL 426. Prerequisite(s): BL 261, BL 263 and CH 251.

**BL 428. CONSERVATION BIOLOGY (3).** Introduces the fundamental principles of conservation biology including patterns of global biological diversity, biogeography, population genetics, extinction, restoration ecology, management, and conservation policy. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 428. NOTE: Junior standing or completion of Distributive Core required.

**BL 435. ADVANCED FIELD ECOLOGY LABORATORY (2).** Introduces students to methods of sampling and studying a variety of organisms in the field. Develops student ability to design, conduct, and appropriately interpret field ecological studies. Prerequisite(s): BL 403 or ENVS 403. Cross listing: ENVS 435.

**BL 436. HUMAN AND COMPARATIVE PHYSIOLOGY (3).** A rigorous systems-based course in human physiology that also considers exemplar model physiological systems used in biomedical research. Topics include metabolism, neural and endocrine function, circulation, respiration, osmoregulation, and muscle function. Prerequisite(s): BL 260, BL 262, and CH 230.

**BL 446. MARINE BIOLOGY (3).** Develops student knowledge of the biology of the world ocean, emphasizing marine diversity and ecology in oceanographic context. Introduces students to issues of commercial fisheries, mariculture, and oceanic pollution and helps students develop integrative positions. Prerequisite(s): BL 260 and BL 262. Cross-listing: ENVS 446.

**BL 448. PLANT DIVERSITY AND ECOLOGY (3).** Surveys plant systematics and distributional aspects of plant community ecology. Emphasizes identification, classification, biogeography, and

environmental effects on plant distribution and community structure. Focuses on the Colorado flora. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 448. NOTE: One or two weekend field trips required.

**BL 458. BEHAVIORAL ECOLOGY (3).** Explores the mechanisms and functions of animal behavior with emphasis on the ecological and evolutionary bases of animal behavior. Some areas discussed include communication, reproductive behavior, and social behavior. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 458.

**BL 459. ANIMAL BEHAVIOR LABORATORY (1).** Laboratory and field exercises accompany and reinforce lecture topics. Involves non-invasive work with live animals. Co-requisite: BL 458. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 459.

**BL 460. FOREST AND LANDSCAPE ECOLOGY (3).** Investigates the unique ecological characteristics of forest ecosystems, surveys the diversity of world forests, and explores methods of analysis and management of forests at landscape scales. Prerequisite(s): BL 260, BL 262 and MT 272. Cross listing: ENVS 460. NOTE: May require participation in field trips outside of class time.

**BL 462. PRIMATE ECOLOGY AND BEHAVIOR (3).** Explores the ecology and evolution of primates in the context of their biotic and abiotic environments. Emphasizes primate life history, behavior, social organization and conservation ecology. Prerequisite(s): BL 260 and BL 262. Cross listing: ENVS 462. NOTE: May require participation in field trips outside of class time.

**BL 464. EVOLUTION (3).** Explores concepts of evolution as a process of discovery. Topics include biological diversity, classification and phylogeny, genetic and phenotypic variation, evolutionary forces, character evolution, species concepts, specialization, and human variation and evolution. Prerequisite(s): BL 260 and BL 262.

**BL 466. IMMUNOLOGY (3).** Explores the human immune system and immunopathology by presenting concepts of the activation and regulation of the immune response. Prerequisite(s): BL 260, BL 262 and CH 230. NOTE: May include field trips to research facilities.

**BL 481E-W. SPECIAL TOPICS IN BIOLOGY (1-4).** Explores selected topics in the field of biology not normally covered in regular course offerings. Course format varies according to topics selected. Prerequisite(s): BL 260 and BL 262. NOTE: Certain topics may include a laboratory, which will require prerequisites of BL 261 and BL 263.

**BL 485. FUNCTIONAL NEUROPHYSIOLOGY AND NEUROANATOMY (3).** Explores the functional significance of neural physiology and connectivity, including effects related to neural development, how nerve cells communicate with one another, how patterns of neural interconnections give rise to different perceptual, cognitive, and motor responses, and how neural communication is modified by experience. Co-requisite: BL 486. Prerequisite(s): NS 260 and BL 260 and BL 262, or permission of instructor. Cross listing: NS 485 and PY 485.

**BL 486. NEUROPHYSIOLOGY AND NEUROANATOMY LABORATORY (1).** Involves laboratory experiments and computer simulation of neural functions as well as gross

dissection, and histological study of Neuroanatomy. Co-requisite: BL 485. Cross listing: NS 486 and PY 486. NOTE: One three-hour laboratory per week.

BL 489A/B. Arrupe Science Mentorship (0-1). Students will support Arrupe Jesuit High School seniors complete their Science Capstone projects. Regis students needn't be science majors to participate. Most of the mentorship will occur at Arrupe Jesuit High School. NOTE: Permission of instructor is required.

BL 490E-W. INDEPENDENT STUDY IN BIOLOGY (1-3). Offers an opportunity for advanced study of independent topics in biology. Prerequisite(s): BL 260 and BL 262, permission of instructor and approval of department chair. NOTE: A maximum of 3 SH may be used to satisfy requirements for major or minor.

BL 491E-W. UNDERGRADUATE RESEARCH IN BIOLOGY (1). Offers an opportunity for laboratory or field research under faculty direction. Requires oral or poster presentation. Prerequisite(s): BL 260, BL 261, BL 262, BL 263, Sophomore standing or permission of instructor. NOTE: Requires a time commitment of approximately 4-8 hours per week. Does not satisfy the upper division laboratory requirements for any major or minor.

BL 494. SEMINAR IN BIOLOGY, SOCIETY, AND ETHICS (1). Surveys bioethical controversies in the context of justice and the common good, and assists students in developing their own coherent and informed bioethical positions. Introduces Biology-Major learning outcomes. Prerequisite(s): BL 260 and BL 262. Sophomore standing. NOTE: Required for all Biology majors.

BL 495. SEMINAR IN BIOLOGY RESEARCH LITERATURE (1). Develops student facility with reading, interpretation, and oral presentation of articles from the primary biological literature. Includes resume development, cover letter construction, and development of an initial Biology-Major outcomes portfolio. Prerequisite(s): BL 494, Junior standing. NOTE: Required for all Biology majors.

BL 496. BIOLOGY RESEARCH COLLOQUIUM (1). Explores biology as a dynamic discipline via research seminar attendance and reading associated scientific literature. Covers a broad range of biological topics. Includes development of a Biology-Major outcomes portfolio. Prerequisite(s): BL 495, Senior standing. NOTE: Required for all Biology majors, and requires attendance at the Department of Biology seminar series outside of class time.

BL 498E-W. INTERNSHIP IN BIOLOGY (3). Provides faculty-directed practical experience in a biology-related working environment outside of Regis University. Requires oral presentation to department at conclusion of semester. Prerequisite(s): BL 260 and BL 262, Junior standing, permission of instructor and approval of department chair and director of Academic Internship Program. NOTE: Credit may not be counted to fulfill the minimum upper division semester hour requirement for a Bachelor of Science in Biology or a biology minor.

BL 499A. SENIOR THESIS I (1). Involves the first steps in writing an Honors-in-Biology thesis based on independent research. Prerequisite(s): BL 491E-W. Senior standing and approval of department chair. Pass/No Pass grading only.

BL 499B. SENIOR THESIS II (1). Involves completion of the Honors-in-Biology thesis and an oral defense of the thesis.

Prerequisite(s): BL 499A. Senior standing and approval of department chair. Pass/No Pass grading only.

## CATHOLIC STUDIES (CAS)

CAS 300E-W. FOUNDATIONS OF CATHOLIC TRADITION (3). An interdisciplinary overview of the sources and contributions of the Catholic religious tradition. Investigates historical roots and cultural adaptations from its beginning to today's global setting. Topics might include developments in philosophy, theology, literature, the arts as well as the influence of political and social thought and institutions.

CAS 308. CATHOLIC CHRISTIANITY (3). An interdisciplinary investigation of the foundational sources of Catholic Christianity emphasizing historical development of the tradition and academic approaches to expressions of that development such as biblical literature, sacramental and liturgical practice, official church teachings (especially Vatican Council II), and Christian mission in the modern world. Prerequisite(s): RT 201/201C. Cross Listing: RT 308.

CAS 323. CATHOLIC IMAGINATION IN LITERATURE AND FILM (3). Explores characteristically Catholic ways of imagining the world and wrestling with important human questions through literature and film. Prerequisite(s): RT 201. Cross-listing: RT 323.

CAS 400E-W. THE CATHOLIC INTELLECTUAL TRADITION (3). Explores significant contributors to Catholic intellectual tradition as well as of the basic issues that have determined that tradition: the role of faith and reason, the place of culture in Christian evangelization, spirituality, and autobiography. Emphasizes the study of primary texts. Prerequisite(s): RT 201.

CAS 410E-W. THE ARTS IN CATHOLIC TRADITION (3). Explores the relationship between Catholic tradition and the fine arts and the role of the arts in expressing and enriching the life of faith. Focuses on the relationship between the sacred and the beautiful, the history of Christian iconography, or specific media of expression (e.g., performing, visual arts, liturgical arts). Examines the spiritual power of the aesthetic experience. Prerequisite(s): RT 201.

CAS 411. ECOTHEOLOGY (3). Explores contemporary environmental issues from the perspectives of different religious traditions. Compares spiritual and religious views of the environment, its meaning, and its relation to human beings. Explores scientific understandings of contemporary environmental issues, asking how religions engage these issues. NOTE: Junior standing or completion of Distributive Core required.

CAS 412. CATHOLIC LIFE AND THOUGHT (3). An exploration of post-Vatican Council II Catholic Christian belief and practice with emphasis on the foundations, historical forms and resources of the tradition and its development. Special attention will be given to topics of interest to adults. Prerequisite(s): RT 201. Cross listing: RS 412.

CAS 420E-W. CATHOLIC TRADITION IN SOCIETY AND CULTURE (3). Explores the relationship between Catholic thought and practice and social or cultural phenomena in various cultures or time periods. The approach can be from different disciplines such as sociology, anthropology, media studies, and history. Prerequisite(s): RT 201.

CAS 430E-W. CATHOLIC TRADITION AND NATURAL SCIENCE (3). Explores Catholic thought on the natural sciences. Addresses such topics as the theory of evolution, the role of Greek philosophy and science in the development of Catholic thought, the impact of Catholic thinkers on the history of science, controversies between the Church and the sciences, moral issues arising from technological development. Prerequisite(s): RT 201.

CAS 440E-W. CATHOLIC RELIGIOUS AND SPIRITUAL TRADITIONS (3). Explores Catholic Christian spiritual experiences and practices focusing on particular contributors (e.g., Benedict, Ignatius Loyola, Teresa of Avila), or particular forms of spiritual practice (e.g., mystical, monastic, Ignatian) or particular spiritual disciplines (e.g., contemplation, activism, liturgical). Prerequisite(s): RT 201.

CAS 443. ECONOMIC POLICY, JUSTICE AND THE COMMON GOOD (3). Uses readings in economics, philosophy and Catholic social teaching to evaluate economic theory and economic policies that address social ills (e.g., poverty, unequal income distribution, unequal access to health care.) Prerequisite(s): EC 200 or EC 3200 or EC 3300. Cross listing: EC 4243 and PJ 478. NOTE: Junior standing or completion of Distributive Core required.

CAS 450E-W. HISTORICAL THEMES IN CATHOLIC TRADITION (3). Studies historical themes, figures, movements or periods that shaped or were shaped by Catholic thought or practice. Prerequisite(s): RT 201.

CAS 460E-W. PEACE AND JUSTICE IN CATHOLIC TRADITION (3). Studies the sources and influence of Catholic social teaching. Focus may include themes (e.g., liberation, peace activism, church-state relations, political freedom), figures who have enacted Catholic teaching (e.g., Francis of Assisi, Dorothy Day), or issues (e.g., economic justice, military services, international aid). Examines biblical, papal, conciliar, and theological documents. Prerequisite(s): RT 201.

CAS 480. CHRISTIAN LEADERSHIP (3). Explores the context, theology, and skills for leadership in faith communities. May include special attention to pastoral theology, ecclesiology, and sacramental life. Prerequisite(s): RT 201 and any 300-level RT course. Cross listing: RG 480G.

CAS 490E-W. INDEPENDENT STUDY IN CATHOLIC STUDIES (3). Provides focused research on a topic in Catholic Studies not covered in regular course offerings. NOTE: Specific assignments and meeting times are arranged with the instructor. Approval of program director required.

CAS 498E-W. CATHOLIC STUDIES INTERNSHIP (3). Offers an opportunity to explore Catholic Studies in its practical application to various working areas of contemporary Catholicism. Requires students to reflect critically and constructively on the experience. Prerequisite(s): CAS 300. Approval of program director required

## CHEMISTRY (CH)

CH 200 E-W. CHEMISTRY IN CONTEXT (3). Develops around a central chemical theme on selected topics chosen by the instructor. NOTE: Designed specifically for non-science majors to meet the Natural Science Core requirement when taken with CH 201 E-W.

CH 201 E-W. CHEMISTRY IN CONTEXT LABORATORY (1). Involves laboratory exercises accompanying and reinforcing lecture topics. May be used to fulfill the Natural Science Core requirement.

CH 202. INTRODUCTION TO ENVIRONMENTAL CHEMISTRY (3). Provides a qualitative introduction to the chemical aspects of environmental and social issues for the non-science student. Includes the role of science and technology, water and air pollution, conventional and alternate energy sources, nuclear power and selected topics relating to local and global issues in energy and the environment. Co-requisite: CH 203. NOTE: Designed specifically for non-science majors to satisfy the Natural Science Core Requirement when taken with CH 203.

CH 203. INTRODUCTION TO ENVIRONMENTAL CHEMISTRY LABORATORY (1). Involves laboratory exercises accompanying and reinforcing lecture topics. Co-requisite: CH 202. NOTE: One three-hour laboratory period.

CH 204. DRUGS OF USE AND ABUSE (3). Provides an introductory survey of general, organic, and biological chemistry principles as they relate to prescribed, over-the-counter, and recreational drugs. Specific topics may vary each semester. Co-requisite: CH 205.

CH 205. DRUGS OF USE AND ABUSE LABORATORY (1). Involves laboratory exercises accompanying and reinforcing CH 204 lecture topics, including observations, demonstrations, and student experimentation. Co-requisite: CH 204.

CH 206A. CHEMISTRY FOR HEALTH RELATED SCIENCES (3). A descriptive introduction to the fundamentals of chemistry with emphasis on atomic structure, chemical bonding and reactions and the properties of various states of matter. This is followed by a brief treatment of the chemistry of selected elements and compounds, especially those pertaining to biological systems. Co-requisite: CH 207A. NOTE: Designed for health care programs. ACT math score of 20 or greater, or SAT Math score of 480 or greater required.

CH 207A. CHEMISTRY FOR HEALTH RELATED SCIENCES LABORATORY (1). Involves laboratory experiments accompanying CH 206A. Co-requisite: CH 206A. NOTE: One three-hour laboratory per week.

CH 209. INTRODUCTORY COLLEGE CHEMISTRY (3). Introduction to general chemistry with an emphasis on developing quantitative problem solving skills. For students without high school chemistry or with limited mathematics background. NOTE: Successful completion of CH 209 prepares students to enroll in CH 210.

CH 210. GENERAL CHEMISTRY I (4). Introduces chemical and physical properties of matter, atomic structure, stoichiometry, periodicity, chemical bonding, molecular geometry, thermodynamics, and aqueous chemistry. Co-requisite: CH 211. Pre-requisite: An ACT Math Score of 23 or greater, an SAT Math score of 500 or greater, or a passing grade on the Chemistry Exam, Math Exam, or CH 209.

CH 211. GENERAL CHEMISTRY LABORATORY I (1). Introduces fundamental laboratory techniques including chromatography, chemical synthesis, spectroscopy and acid/base

chemistry. Co-requisite: CH 210 or CH 220. NOTE: One three-hour laboratory per week.

**CH 220. HONORS PRINCIPLES OF CHEMISTRY I (4).** An honors-level course for students with strong skills in math and/or chemistry. Topics are similar to CH 210, but with more in-depth coverage. Intended for students considering a major in chemistry, biochemistry or pre-medicine. Co-requisite: CH 211. Prerequisite(s): Minimum score of 28 on the math ACT or permission of the instructor required.

**CH 221. HONORS PRINCIPLES OF CHEMISTRY I LAB (1).** Inquiry based examination of fundamental chemical concepts in context of their impact on research, humanity and the environment using modern laboratory techniques and instrumentation. NOTE: Minimum score of 28 on the math ACT or permission of the instructor required.

**CH 230. GENERAL CHEMISTRY II (4).** Continuation of CH 210. Examines molecular structure, chemical kinetics, chemical equilibrium and thermodynamics. Additional special topics may include transition metal chemistry, the chemistry of new materials, nuclear chemistry. Co-requisite: CH 231. Prerequisite(s): C- or better in CH 210 or permission of instructor required.

**CH 231. GENERAL CHEMISTRY LABORATORY II (1).** A continuation of CH211. Introduces common laboratory techniques of molecular structure, chemical equilibrium and chemical kinetics. Co-requisite: CH 230. Prerequisite(s): CH 211 or permission of instructor required.

**CH 250. ORGANIC CHEMISTRY I (4).** Studies the molecular structure of organic compounds, their functional groups, physical properties, and the relationship between structure and reactivity. Introduces the principles of reaction thermodynamics and kinetics. Co-requisite: CH 251. Prerequisite(s): C- in CH 230 and CH 231 or permission of instructor.

**CH 251. ORGANIC CHEMISTRY LABORATORY I (1).** Investigates techniques used to separate, purify, and identify organic compounds. Co-requisite: CH 250. Prerequisite(s): CH 230 and CH 231.

**CH 310. QUANTITATIVE ANALYSIS (1).** A rigorous quantitative laboratory course designed to refine wet chemistry techniques and reinforce the various aqueous equilibria topics covered in general chemistry through titration, gravimetric analysis, and UV-Vis spectroscopy. Prerequisite(s): CH 230 and CH 231.

**CH 420. ORGANIC CHEMISTRY II (3).** Comprehensive survey of organic chemical reactions and their mechanisms. Covers spectroscopic techniques including NMR, IR, and MS. Introduces biomolecules such as peptides, carbohydrates, lipids, and nucleic acids. Includes multi-step organic synthesis. Co-requisite: CH 421. Prerequisite(s): C- or better in CH 250 or permission of instructor.

**CH 421. ORGANIC CHEMISTRY LABORATORY II (2).** Synthesis of selected organic compounds and identification by spectroscopic methods. Includes multi-step organic synthesis. Co-requisite: CH 420. Prerequisite(s): CH 251.

**CH 428. SYNTHESIS AND CHARACTERIZATION LABORATORY (2).** Laboratory-based course devoted to synthetic methods used in inorganic and organic chemistry

together with standard chemical characterization methods, such as gas chromatography, infrared, ultraviolet, and nuclear magnetic resonance spectroscopy.

**CH 430A. THERMODYNAMICS AND KINETICS (3).** Formal development of classical thermodynamics with applications to chemical equilibria, phase equilibria, active and passive ion transport across cell membranes, and protein folding; applications of kinetic molecular theory to gas-phase and solution-phase chemical reactions. Prerequisite(s): PH 304B and CH 230 and MT 360B or permission of instructor.

**CH 430B. QUANTUM THEORY AND SPECTROSCOPY (3).** Studies chemical kinetics, electrochemistry, kinetic molecular theory, photochemistry, atomic and molecular structure. Prerequisite(s): PH 304B and CH 230 or permission of instructor. Cross-listing: PH 460.

**CH 431. PHYSICAL AND COMPUTATIONAL CHEMISTRY LABORATORY (2).** Laboratory-based course focusing on the use of modern spectroscopic and computational techniques for studying chemical equilibria, reaction kinetics, and molecular structure. Prerequisite(s): CH 430A or permission of instructor. Co-requisite: CH 430B or permission of instructor.

**CH 440. INSTRUMENTAL ANALYSIS (2).** In-Depth study of instrumental techniques used in analytical chemistry. Techniques include optical spectroscopy, chromatography, mass spectrometry, and electrochemistry. The functions, design, data analysis, and experimental design of each technique will be investigated. Co-requisite: CH 441. Prerequisite(s): CH 230 and CH 231.

**CH 441. INSTRUMENTAL ANALYSIS LABORATORY (2).** Laboratory course supporting CH 440 in studying instrumental techniques used in analytical chemistry. Focuses on experimental design, data analysis, and data interpretation. Co-requisite: CH 440. Prerequisite(s): CH 230 and CH 231.

**CH 448. ADVANCED ORGANIC CHEMISTRY (3).** Explores advanced topics in physical and synthetic organic chemistry including: kinetic isotope effects, reaction mechanisms, biomolecules and their structure, and multi-step syntheses. Prerequisite(s): CH 460. NOTE: Offered every other fall semester.

**CH 452A. BIOCHEMISTRY I (3).** Introduces the structure and function of proteins. Includes an in depth study of enzyme kinetics and specificity, the thermodynamics of biological systems and the citric acid cycle. Prerequisite(s): CH 420, CH430A.

**CH 452B. BIOCHEMISTRY II (3).** Surveys metabolism and regulation, including glycolysis, electron transport, photosynthesis and phosphorylation. Investigates current literature in disease metabolism, including cancer cell metabolism, circadian regulation and diabetes. Optional Co-requisite: CH 453. Prerequisite(s): CH 452A. NOTE: Majors and minors only.

**CH 453. BIOCHEMISTRY LABORATORY (2).** Introduces fundamental biochemical techniques and instrumentation, including the isolation and purification of biomolecules, three dimensional modeling, and biophysical experiments. Co-requisite: CH 452B. Prerequisite(s): CH 452A. NOTE: One hour of laboratory lecture plus four laboratory hours per week. Offered every spring semester.

**CH 466. MODERN INORGANIC CHEMISTRY (3).** Surveys the chemistry of metals and their compounds. Topics include advanced concepts in periodic behavior, the study of bonding models used for transition metals and their complexes; the symmetry of and spectroscopic characterization of transition metal complexes; and the kinetic and mechanisms of transition metal complex reactions. Additional topics may include metals in biological systems and medicine; geochemistry; the chemistry of modern materials; and organometallic compounds as catalysts. Prerequisite(s): CH 420 and CH 421.

**CH 490E. Research in Physical Chemistry (1-3).** Advanced study in independent research projects in chemistry and biochemistry. Prerequisite(s): Majors and minors only. Permission of instructor.

**CH 490T-W. INDEPENDENT STUDY IN CHEMISTRY: RESEARCH IN ORGANIC SYNTHESIS (1-3).** Advanced study in independent research projects in chemistry and biochemistry. Prerequisite(s): Majors and minors only. Permission of instructor.

**CH 495. SEMINAR IN CHEMISTRY (1).** Addresses advances in analytical, biochemistry, inorganic, organic, and physical chemistry. Requirements may include literature search, oral presentations and written exams and papers. Prerequisite(s): Majors only. Senior standing required. Approval of department chair required. NOTE: Offered every spring semester.

**CH 498E-W. INTERNSHIP IN CHEMISTRY (3).** Provides a working environment in which practical experience in the application of chemistry is obtained under appropriate supervision. Prerequisite(s): Approval of department chair and director of Academic Internship Program. NOTE: Credit may not be counted to fulfill the minimum upper division semester hour requirement for a major in Chemistry or Biochemistry. **CH 499A. RESEARCH IN CHEMISTRY OR BIOCHEMISTRY (1-2).** Independent research in Chemistry or Biochemistry under the guidance of a faculty member.

**CH 499A-D. RESEARCH IN CHEMISTRY OR BIOCHEMISTRY (1-2).** Independent research in Chemistry or Biochemistry under the guidance of a faculty member.

## COMMUNICATION (COM)

**COM 210/COM 210C. SPEECH COMMUNICATION (3).** Provides an overview of the process of communication and introduces communication theory. Provides practical training in the fundamentals of effective presentation for individuals in both public speaking and group communication settings. Emphasizes discussion of contemporary issues and the analysis of public discourse. NOTE: Required of all students seeking a bachelor's degree from Regis College. **COM 210C** is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked **RCC 200** course in the fall.

**COM 250/250C. SPEAKING TO MAKE A DIFFERENCE (3).** Develops engaged, competent, confident communicators, preparing speakers to connect with small and large, live and remote audiences. Encourages critical listening, writing, rehearsing, revising and speaking skills relevant to everyday, civic, professional and family/social life. NOTE: **COM 250C** is limited to students who took the linked **RCC 200** course in the fall.

**COM 300. CAREER AND PROFESSIONAL PORTFOLIO (3).** Explores the expectations and challenges of communication in professional contexts. Students practice real-life face-to-face communication competence and begin to craft an online portfolio appropriate to their chosen career. NOTE: Majors only.

**COM 301. RHETORIC IN WESTERN THOUGHT (3).** Surveys the history of the rhetorical tradition from the ancient Greeks into the twentieth century, including key figures and theoretical underpinnings. Prerequisite(s): **COM 210** or **COM 210C**.

**COM 310. INTERPERSONAL COMMUNICATION (3).** Studies interpersonal aspects of communication. Introduces concepts and related skills that define communication in a variety of face-to-face contexts. Includes models of communication, language and meaning, nonverbal and verbal communication, perception, conflict and establishing positive human relationships via communication. Prerequisite(s): **COM 250/250C** and **COM 380**, or permission of instructor. NOTE: Required for Identity, Community and Culture emphasis.

**COM 315. WRITING FOR THE MEDIA (3).** Studies writing for different mass media including print and broadcast news, public relations, and advertising. Develops practical skills and understanding of writing for varying media audiences and for different purposes.

**COM 380. COMMUNICATION: QUESTIONS, CONTEXTS, AND THEORY (3).** Examines ways that communication constitutes social life and introduces several important theories of meaning making for dialogic consideration. Explores interpersonal relationships; the intersections of language, gender, culture, and power, and the dynamics of mass media and society. Foregrounds the notion of context, and engages the question of how we ought to live. NOTE: Required for all Communication majors or minors.

**COM 381. RESEARCH METHODS IN COMMUNICATION (3).** Surveys a variety of communication research methods and guides students through their own research proposals and/or projects. Students learn to write literature reviews, research questions and reports, observe, document and analyze communication, and conduct interviews and surveys. NOTE: Sophomore class standing. Required for all Communications majors.

**COM 400. INTERCULTURAL COMMUNICATION (3).** Using readings, film, field experience and/or dialogue, the course investigates cultural identity, meaning, patterns, relationships, and conflicts that arise as contact increases between people of different cultures in our global society. Prerequisite(s): **COM 380** or permission of instructor. Cross listing: **PJ 406**.

**COM 400A. INTERPERSONAL COMMUNICATION (3).** Studies interpersonal aspects of communication. Introduces concepts and related skills that define communication in a variety of face-to-face contexts. Includes models of communication, language and meaning, nonverbal and verbal communication, perception, conflict and establishing positive human relationships via communication. Prerequisite(s): **COM 380**, or permission of instructor. NOTE: Required for Identity, Community and Culture emphasis.

**COM 402. MEDIA AESTHETICS (3).** A survey of aesthetic considerations of television, film, and radio. Students will examine the fundamental image elements-light, space, time-motion, and sound. Prerequisite(s): **COM 380**.

**COM 403E-W. FORENSIC PARTICIPATION (0-1).** Students prepare at least two events in public speaking and/or oral interpretation of literature. Requires attendance at a minimum of two tournaments to qualify for credit. Prerequisite(s): COM 380 or permission of instructor. NOTE: Students who wish to participate in competitive forensic tournaments can earn up to three (3) semester hours credit (one credit per semester over three semesters).

**COM 404. COMMUNITY STORY TELLING (3).** Families, communities and organizations embody complex, sometimes conflicting or competing, histories. Students will learn to research, develop, devise, revise, rehearse and present oral history-based narratives and performances that illuminate, challenge and inspire. Prerequisite(s): COM 380 or HS 442.

**COM 405. INTERPERSONAL CONFLICT STUDIES (3).** Examines conflict in a variety of human relationships. Explores conceptual and practical skills to analyze and manage conflicts including face-to-face and third-party negotiations. Prerequisite(s): COM 380. Cross listing: PJ 405.

**COM 409. CRITICAL MEDIA STUDIES (3).** Studies a variety of methods currently utilized for conducting a critical analysis of communication acts. Includes dramatism, semiotics, narrative theory, reader-oriented criticism, feminist criticism, and others. Students apply one or more of these methods in developing and presenting critical analyses of discourses. Prerequisite(s): COM 380 or permission of instructor.

**COM 409A. AMERICAN MEDIA INSTITUTIONS (3).** Examines the historical development of American mass media. Critically analyzes regulatory, economic, political, and social influences of mass communication. Prerequisite(s): COM 380, or permission of instructor. NOTE: Required for Media and Society emphasis.

**COM 409B. CRITICAL MEDIA STUDIES (3).** Studies a variety of methods currently utilized for conducting a critical analysis of communication acts. Includes dramatism, semiotics, narrative theory, reader-oriented criticism, feminist criticism, and others. Students apply one or more of these methods in developing and presenting critical analyses of discourses. Prerequisite(s): COM 380 and COM 409A, or permission of instructor.

**COM 411. PERFORMANCES OF SELF AND SOCIETY (3).** Explores performance through sociological, anthropological and literary/artistic and experiential lenses. Engaging through readings, film, role-plays, immediate, live and online performances (and the analysis thereof), dialogue, writing and other production of texts, and critique, students come to understand this most pragmatic of human communicative behaviors. Prerequisite(s): COM 210 and COM 380.

**COM 413. STRATEGIES OF DIALOGUE (3).** Examines the dynamics of group communication through theoretical lenses, explores some difficulties in negotiating high-stakes or emotional terrain, and practical approaches for imagining, conducting and participating in productive dialogues. Prerequisite(s): COM 380. Cross listing: PJ 413.

**COM 414. SMALL GROUP COMMUNICATION (3).** Provides a comprehensive overview of psychological group theories and empirical findings, emphasizing the principles of group dynamics. Includes group projects and classroom simulations. Prerequisite(s): COM 380 or PY 250. Cross listing: PY 445.

**COM 416A. PRINCIPLES OF PUBLIC RELATIONS (3).** Studies the history, purpose, and processes of public relations. Examines public relations tools and practices, ranging from preparing and conducting a public relations program, setting up a news conference, establishing and running a speaker bureau, designing and producing a brochure and editing an employee newsletter. Prerequisite(s): BA 3400 for business students only.

**COM 416B. STRATEGIC PUBLIC RELATIONS (3).** Explores the history, purpose, and processes of public relations. Examines public relations tools and practices, ranging from preparing and conducting a public relations program, setting up a news conference, establishing and running a speaker bureau, designing and producing a brochure and editing an employee newsletter. Prerequisite(s): COM 380 and COM 416A, or permission of instructor. NOTE: Required for Public Relations and Civic Engagement emphasis.

**COM 418. ORGANIZATIONAL COMMUNICATION (3).** Surveys contemporary organizational communication theories and practices. Investigates issues such as diversity, participation, technology, corporate ethics, the environment, and globalization. Focuses on analyzing and critiquing current organizational practices and assumptions, with an aim toward increasing social justice and ethics. Prerequisite(s): COM 380. Junior standing required for Business students only. Cross listing: PJ 423.

**COM 419. PERFORMING CHANGES: THEATRE, CIVIC ENGAGEMENT AND SOCIAL JUSTICE (3).** An interdisciplinary theatre, dialogue, workshop and community project-based course in which performance itself is viewed as a mode of inquiry and a way of making the invisible visible, fostering storytelling, listening, collaboration and transformation. Prerequisite(s): COM 210. COM 380 required for Communications majors and PJ 200 required for Peace and Justice majors. Cross listing: FAM 405 and PJ 495W.

**COM 421. PERSUASION AND ARGUMENTATION (3).** Studies persuasion and argumentation from the early Aristotelian perspective to contemporary research. Includes models of the persuasive process, emotional stimulation, proofs and reasoning, cultural premises, and ethics of persuasion. Prerequisite(s): COM 380.

**COM 424. NEW COMMUNICATION TECHNOLOGIES (3).** Examines how new media works, what effects may result from their use in public and private settings, and how they might, when necessary, be regulated. Prerequisite(s) : COM 380.

**COM 425. VIDEO PRODUCTION (3).** A survey of video production methods and aesthetic theory. Students become proficient in pre-production planning, basic video production techniques, and equipment, using both studio and remote equipment. Students produce a basic video project. Prerequisite(s): COM 380 and COM 402.

**COM 427. COMMUNICATION ETHICS (3).** Explores theoretical and practical issues in the explanations of ethical options and decisions in relational, organizational, and mass communication contexts. Case studies, practical analysis, and current ethical dilemmas in communication are investigated from multiple theoretical perspectives. Prerequisite(s): COM 380.



**COM 428. MEDIA AND POLITICS (3).** Examines the relationship of mass media and political campaigns. Explores political communication aspects including news, debates, polls, advertising, technology, and effects on voters. Examines the role of media in political scandal or foreign affairs. Prerequisite(s): COM 380 and Junior class standing. NOTE: Required for COM majors Cross-Listing: PJ 432J.

**COM 430. MUSIC AND AUDIO TECHNOLOGY (3).** Engage creatively and critically with the society around us in artistic and socially aware ways through creation of original audio projects such as studio and live recordings, electronic compositions, radio plays, oral histories, audio postcards, etc. Techniques to be covered include the use of microphones, recording equipment, and audio sequencing/editing software. Prerequisite(s): Junior standing only.

**COM 432. ADVERTISING THEORY AND PRACTICE (3).** Studies advertising and promotional aspects of marketing in depth. Integrates theory with practical planning, management and strategy issues. Prerequisite(s): COM 380. BA 3400 for business students only.

**COM 440. GENDER, SEXUALITY AND COMMUNICATION (3).** Explores connections between communication, gender, and sexuality in close relationships, organizations and the media. Course involves readings, dialogues, films, field trips, and group projects. Prerequisite(s): COM 380 or WGS 400 or permission of instructor. Cross listing: WGS 440.

**COM 443. FREEDOM OF SPEECH (3).** Through an analysis of theory, legal documents, and case studies this course addresses the arguments for and against an unconditional right to freedom of speech. Prerequisite(s): COM 380 for Communication majors. Cross-listing: PJ 432M.

**COM 445. TELEVISION PROGRAMMING AND CRITICISM (3).** Studies television programming, theory, techniques, and strategies. Explores the themes and assumptions inherent in television messages and the role of audience research in the development of television content. Prerequisite(s): COM 380.

**COM 456. THE CULTURE AND POLITICS OF PUBLIC MEMORY (3).** Examines the constructed nature of our national memories by posing questions regarding the authenticity of memorial representations, the ownership of public histories, and the rhetorical functions memory texts serve for society. Prerequisite(s): COM 380. Cross-listing: HS 441.

**COM 464E-W. FILM CRITICISM: (3).** Introduces the technical evolution and history of film and the principles of aesthetic criticism, film analysis and the evolution of themes and genres. Considers basic elements of cinema including screen writing, direction, casting, production, cinematography, and editing. Prerequisite(s): COM 380.

**COM 457E-W. SPECIAL TOPICS IN COMMUNICATION AND DIVERSITY (3).** Examines issues of diversity from the context of the communication discipline. Prerequisite(s): Junior class standing required, or completion of the distributive core.

**COM 458E-W. SPECIAL TOPICS IN COMMUNICATION AND THE ENVIRONMENT (3).** Examines environmental issues from the context of the communication discipline. Prerequisite(s):

Junior class standing required, or completion of the distributive core.

**COM 459E-W. SPECIAL TOPICS IN COMMUNICATION AND JUSTICE (3).** Examines issues in justice and the common good from the context of the communication discipline. Prerequisite(s): Junior class standing required, or completion of the distributive core.

**COM 460E-W. SPECIAL TOPICS IN COMMUNICATION AND MEANING (3).** Examines issues of meaning from the context of the communication discipline. Prerequisite(s): Junior class standing required, or completion of the distributive core.

**COM 471. INTERNATIONAL COMMUNICATION AND COMPARATIVE MEDIA SYSTEMS (3).** Global media are no longer restricted to individual countries, so we will analyze how media moves from one country to another to another and discuss what boundaries infringe that movement in various regions. Prerequisite(s): COM 380. Cross-listing: PJ451V.

**COM 485E-W. SPECIAL TOPICS IN COMMUNICATION (3).** Examines special topics in the field of communication in depth. Includes assignment options of original research and creative projects. Prerequisite(s): COM 380 or permission of instructor.

**COM 486. MASS COMMUNICATION AND SOCIETY (3).** Investigates and analyzes economic, political, and ideological dimensions of mass communication and social control, and the development of mass media forms. Prerequisite(s): COM 380 or SO 200. Cross listing: SO 486.

**COM 490E-W. INDEPENDENT STUDY IN COMMUNICATION (1-6).** Supervision by a faculty member on advanced research or practice in one of the media that meets the individual needs of the student. Prerequisite(s): Approval of department chair. NOTE: May be taken only once for credit towards the Communication major, and a second time for elective credit.

**COM 492. WRITING FOR THE MEDIA PRACTICUM (1-3).** Guided by a faculty advisor, students receive credit for writing for campus media, includes the Highlander, KRCX, and /or Yearbook. Prerequisite(s): COM 315, or permission of instructor.

**COM 495. SENIOR CAPSTONE EXPERIENCE (3).** Brings senior Communication majors together to explore the synthesis of the discipline. Students engage in research projects, job-search strategies, interviewing and professional development. Prerequisite(s): COM 380 and Majors only. Minimum of 18 semester hours in Communication and completion of 86 semester hours or more.

**COM 496M/O/P. COMMUNICATION PRACTICUM (3).** Offers an opportunity for placement in educational settings for applied learning and experience in Communication. Provides faculty-directed field experience. Progress is guided and monitored by both on-site and faculty supervisors. Site selection emphasizes the best combination of prior academic learning and experience. Practicum experiences typically involve Regis sponsored programs in Conflict and Dialogue studies. Practicum placement is for advanced Communication students. Prerequisite(s): COM 380. Placement approval by Faculty Supervisor. NOTE: 3 semester hours may count toward the Communication major; a total of 6 semester hours may be completed toward graduation.

**COM 498M/O/P. INTERNSHIP IN COMMUNICATION (3).** Offers an opportunity for placement in industry, media organizations, government or other agency for applied learning and experience. Progress is guided and monitored by both on-site and faculty supervisors. Site selection emphasizes the best combination of prior academic learning and experience. Internships are for advanced Communication students. Prerequisite(s): COM 380. Completion of 12 additional hours in Communication major and GPA of 2.5 or higher required. NOTE: Placement approval by faculty Internship supervisor and Director of Academic Internships required.

## CRIMINAL JUSTICE (CJ)

**CJ 203. SOCIAL PROBLEMS (3).** Surveys selected social problems from a national and international scope. Includes analysis of possible causes and consequences of these problems and of various proposals for solutions and reforms. Cross listing: SO 203.

**CJ 402. ETHNOGRAPHIC RESEARCH METHODS (3).** Examines methods anthropologists and sociologists use to gain access, develop rapport, collect and analyze data, and interpret findings when studying culture and society. Cross-Listing: AN 402 and SO 402.

**CJ 412. CHILDREN'S EYEWITNESS TESTIMONY (3).** Introduces the student to the issues surrounding children's eyewitness testimony. Explores issues and insights into Children's eyewitness testimony using a topic approach. Prerequisite(s): PY 250 or SO 200.

**CJ 415. FORENSIC PSYCHOLOGY (3).** Provides a critical analysis of the law, focusing on the criminal justice system in our society. Emphasizes the psychological, social, and cultural factors that influence the criminal justice system, and the use of behavioral science techniques. Prerequisite(s): PY 250 or SO 200. Cross listing: PY 484.

**CJ 416. DEVIANCE (3).** Provides a historical and comparative study of social deviance, including definitions of and reactions to deviance, and deviance as collective behavior. Examines various sociological theories of deviance, and social groups and behaviors defined as deviant in the United States and other countries. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: SO 416.

**CJ 422. DIVERSITY IN U.S. SOCIETY (3).** Provides a critical and comparative analysis of race, ethnicity, and other diversity in the United States. Includes racism, creation, and maintenance of ethnic group status, political processes, and movements for self-determination. Prerequisite(s): SO 200 or SO 203 or permission of instructor required. Cross listing: PJ 422 and SO 422.

**CJ 437. ENVIRONMENTAL JUSTICE: RACE AND CLASS (3).** Explores how race and class intersect with natural disasters, toxic waste dumps, pollution, inadequate sanitation, pesticides, childhood lead poisoning and asthma epidemics, inequities in public transportation, and a wide range of ongoing social movements and success stories. Prerequisite(s): One 200-level Sociology or Anthropology course, or permission of instructor. Cross-listing: ENVS 437, PJ 437, and SO 437.

**CJ 440. WOKE IN ALABAMA:IMAGINING RACIAL JUSTICE (3).** Visit iconic historic sites and talk with Alabama activists at the forefront of civil and environmental justice movements. Meld past and present for clear analysis of root causes and innovative solutions to today's racial inequalities. NOTE: Junior class standing or completion of Distributive Core required. Cross-listing: SO 440 and PJ 440E.

**CJ 450. CRIMINOLOGY (3).** Analyzes social, political, and economic dynamics of crime including corporate and government crime, racism and sexism in the criminal justice system, and imprisonment. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: SO 450.

**CJ 452. PUNISHMENT AND CORRECTIONS (3).** Provides an historical, political, and economic analysis of the penal system in the United States. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: SO 452 or PJ 452.

**CJ 456. PHILOSOPHY OF LAW (3).** Explores various issues in the philosophy of law, such as the relation of law to morality, the relation of natural law to morality, the question of natural law, and the nature and purpose of human law. Prerequisite(s): One 200-level Philosophy course. Cross listing: PL 452.

**CJ 474. MODERN SLAVERY AND TRAFFICKING (3).** Modern Slavery and human trafficking in global perspective. Covers sex trafficking, bonded labor, forced labor, child soldiers, chattel slavery, and domestic servant slavery. Explores the role of the state, organized crime, the media, culture, corruption, and debates about prostitution. Includes testimonies by survivors research reports, theoretical essays, policy statements, expert testimonies, and videos. Prerequisite(s): SO 200 or PJ 400 or permission of instructor. Cross listing: PJ 474 and SO 474.

**CJ 484. FORENSIC PSYCHOLOGY (3).** Provides a critical analysis of the law, focusing on the criminal justice system in our society. Emphasizes the psychological, social and cultural factors that influence the criminal justice system, and the use of behavioral science techniques.

**CJ 459E-W. TOPICS IN CRIME AND JUSTICE (3).** Selected courses focus on issues related to crime, police and the court system, punishment, social control, rehabilitation, etc. Cross listing: SO 459E-W. NOTE: CJ 450 or SO 450 recommended.

**CJ 469E-W. TOPICS IN IMMIGRATION (3).** Selected courses focus on issues in immigration.

**CJ 489. PRACTICUM IN CRIME AND JUSTICE (3).** Explores readings and work in the community related to crime and justice issues. Prerequisite(s): SO 200. Cross-listing: SO 489.

**CJ 490E-W. INDEPENDENT STUDY IN CRIMINOLOGY (1-3).** Applies independent research in selected areas of criminal justice. Prerequisite(s): CJ 450 or SO 450 and approval of Sociology department chair.

## CRIMINOLOGY (CR)

**CR 451. JUVENILE DELINQUENCY (3).** Investigates juvenile delinquency in the context of social and political authority, the operations of the criminal justice system, youth culture and youth subcultures, and related social issues. Presents various sociological theories of juvenile delinquency, and examines various historical

and contemporary manifestations of juvenile crime and deviance. Prerequisite(s): SO 200 or SO 203 or permission of instructor. Cross listing: SO 451.

CR 498E-W. INTERNSHIP IN CRIMINOLOGY (3). Integrates practical experience and intellectual guidance based on employment or volunteer work. Prerequisite(s): CJ 450 or SO 450 and approval of Sociology department chair and director of Academic Internship Program.

## ECONOMICS (EC)

EC 200/EC 200C. ECONOMICS FOR RESPONSIBLE CITIZENSHIP (3). Explores the interdisciplinary nature and historical evolution of economic theory and policy with particular emphasis on its impact on attitudes, politics, society, and the environment. Highlights the pressing problems of inequality and climate change as they relate to economics. Provides students with basic quantitative, economic, and financial literacy.

## EDUCATION (ED)

ED 200. MATH FOR TEACHERS (2). Focuses on the development of basic competency in mathematics. Studies number systems and number sense, geometry, measurement, statistics, probability and functions, and use of variables to gain conceptual and computational skills in mathematics. Reviews mathematics to develop a basic competence. Pass/No Pass grading only. NOTE: Does not meet Core Studies requirements in Mathematics.

ED 204. FOUNDATIONS OF EDUCATION FOR DIVERSE LEARNERS (3). Surveys theory and practice in American education, based on analyses of current practices and future projections, historical contributions, philosophical approaches and sociological foundations. NOTE: Students will tutor throughout the semester in a Denver area school assigned by the Education Department. Co-Requisite(s): ED207A or ED 207B.

ED 207A. FALL TUTORING LABORATORY (0). Tutoring in a prearranged school two times each week. NOTE: Pass/No Pass grading. Co-Requisite(s): ED 204.

ED 207B. SPRING TUTORING LABORATORY (0). Tutoring in a prearranged school two times each week. NOTE: Pass/No Pass grading. Co-Requisite(s): ED 204.

ED 300. PHYSICAL AND CULTURAL GEOGRAPHY (3). Studies the influence of geographic factors on the development of civilization; the interrelations of physical features, resources, and people; including historical, political, and economic implications.

ED 302. PSYCHOLOGY FOR EDUCATORS (3). Applies principles of development and learning theory to classroom teaching within the context of Colorado Academic Standards. Key theory-to-practice topics include models of learning, achievement gap issues and instructional strategies, motivation, classroom management, teaching diverse students, and parent involvement. Coursework includes readings, lectures, dialogue, simulations, guest speakers. Prerequisite(s): ED 204 and PY 250 and Sophomore standing. NOTE: Assignment to a Metro Denver area school for 15 hours of fieldwork required

ED 306. ASSESSMENT OF LEARNING (3). Provides an overview of assessment and instruction on the construction of reliable and valid instruments, including selected response and constructed response formats. Examines performance assessment and the construction of a body of evidence necessitated by Standards-Based Education. Prerequisite(s): ED 204. NOTE: Students will tutor throughout the semester in a Denver area school assigned by the Education Department.

ED 380E-W. FIELD WORK IN SCHOOLS (0). Students will complete thirty-five (35) hours as an intern in a school classroom. Work with children/adolescents is designed to connect coursework with classroom experience. School placement will be arranged by the Education Department. NOTE: Students should only register for one section of fieldwork in any given semester. Pass/No Pass grading only.

ED 401-498 UPPER DIVISION COURSES IN EDUCATION. IF FIELDWORK IS REQUIRED IN ANY 400-LEVEL EDUCATION COURSE, THE STUDENT MUST ALSO REGISTER FOR ED 380E-W--FIELDWORK IN SCHOOLS.

ED 401. TEACHING THE EXCEPTIONAL STUDENT IN THE GENERAL EDUCATION CLASSROOM (3). Focuses on philosophy and methodology of integrating exceptional children into regular classroom. Studies mental retardation, learning disabilities, behavior disorders, communication disorders, hearing and visual impairment, physical impairment and the gifted and talented. Includes techniques and methods of diagnosis, remediation, and individualization. Prerequisite(s): ED 204. Cross listing: EDSP 401.

ED 403A. ELEMENTARY READING AND WRITING: CONTENT, INSTRUCTION AND ASSESSMENT (3). Focuses on the significance of literary and models teachers use to foster literacy acquisition in contemporary elementary classrooms. Participants observe, demonstrate, and evaluate peers and their own literacy instruction within the context of comprehension, phonetic awareness, phonics, fluency, and vocabulary. Includes reading and writing instruction and integration of fiction and nonfiction literature that stimulates joyful reading and writing. Coursework includes readings, demonstrates, simulations, lectures, dialogue, group and individual presentations. Prerequisite(s): Official acceptance into Teacher Licensure Program by COTER required. Cross listing: EDLT 403A. NOTE: Fieldwork required.

ED 403B. SECONDARY LITERACY: CONTENT, INSTRUCTION AND ASSESSMENT (3). Participants build background knowledge and apply instructional strategies and assessments designed to promote students success as readers, writers, speakers, and listeners in middle school and high school classrooms. Coursework includes readings, demonstrations, discussions, 35 hours as an instructional assistant in public school classrooms, and written analyses of fieldwork data. Prerequisite(s): Official acceptance into Teacher Licensure Program by COTER required. Cross listing: EDLT 403B. NOTE: Fieldwork required.

ED 410. LANGUAGE, LITERACY AND LINGUISTICS FOR EDUCATORS (3). Applies scientific research to classroom practices of language study including phonetics, phonology, morphology, orthography, semantics, and syntax. Emphasizes spelling, grammar, handwriting, and designing instruction

according to students assessed needs. Prerequisite(s): ED 204 and ED 306. Official acceptance into the Teacher Licensure Program by COTER required or Education minors who have successfully completed all prerequisites. Fieldwork required.

**ED 416. ELEMENTARY STUDENT TEACHING FOR 5<sup>TH</sup> YEAR STUDENTS (3).** Students approved by the Committee on Teacher Education of Regis (COTER) student teach during the educational semester in an elementary school in the Metro Denver area under the direction of a cooperating teacher. Co-requisite(s): ED 495. Prerequisite(s): Completion of all education courses and COTER approval. Fee required. Pass/No Pass grading only. NOTE: 16 weeks in a school observing, assisting, planning, teaching, and conferring under the direction of the cooperating teacher required.

**ED 417. ELEMENTARY STUDENT TEACHING (8-11).** Students approved by the Committee on Teacher Education of Regis (COTER) student teach during the educational semester in an elementary school in the Metro Denver area under the direction of a cooperating teacher. Co-requisite(s): ED 495. Prerequisite(s): Completion of all education courses and COTER approval. Fee required. Pass/No Pass grading only. NOTE: 16 weeks in a school observing, assisting, planning, teaching, and conferring under the direction of the cooperating teacher required.

**ED 417A. ELEMENTARY STUDENT TEACHING I (3-8).** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the two semester experience. Schedule will be arranged with the Education Department. Fee required. Co-requisite(s): ED 495. Prerequisite(s): ED 418A, , and ED 418B or ED 418D. Official acceptance into the Teacher Licensure Program by COTER required. NOTE: Student must complete ED 417A and ED 417B to be eligible for Colorado Licensure.

**ED 417B. ELEMENTARY STUDENT TEACHING II (3-8).** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the two semester experience. Schedule will be arranged with the Education Department. This course completes the second half of the student teaching requirement for licensure. Fee required. Co-requisite(s): ED 495. Prerequisite(s): ED 417A and permission of Education Department required. NOTE: Student must complete ED 417A and ED 417B to be eligible for Colorado Licensure.

**ED 418. WELLNESS: A PERSONAL COMMITMENT (3).** Studies the concepts of physical, social, emotional, intellectual, and spiritual wellness, developing an information base from which to make effective decisions. Prerequisite(s): Junior standing. Cross listing: PE 418.

**ED 418A. ELEMENTARY SCIENCE: CONTENT, INSTRUCTION, AND ASSESSMENT ( 3).** Surveys methods, materials, and concepts related to the teaching of the various sciences. Combines the knowledge of content areas emphasizing the skills and approaches pertinent to the field. Co-requisite: ED 418D. NOTE: Fieldwork required.

**ED 418B. ELEMENTARY MATH: CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Surveys methods and materials appropriate to teaching mathematics (material methods and content, and computers). Combines the knowledge of content area emphasizing the skills and approaches pertinent to the field. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 418D. ELEMENTARY SOCIAL STUDIES: CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Surveys methods, materials, and concepts related to teaching social studies. Combines the knowledge of content area emphasizing the skills and approaches pertinent to the field. Co-requisite: ED 418A. NOTE: official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 421. SECONDARY ENGLISH CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Presents the materials, methods, and practices in secondary English courses. Analyzes grammar, composition, the short story, the novel, drama, poetry, and communications. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 425. SECONDARY FOREIGN LANGUAGE CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Studies methods of teaching a foreign language (French, German, or Spanish) at the secondary level. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 427. SECONDARY MATHEMATICS CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Examines methods and materials appropriate for teaching middle and high school mathematics. Emphasizes classroom, small group and individualized instruction, and new curricular approaches. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 427A. SECONDARY BUSINESS CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Examines methods and materials appropriate for teaching middle and high school accounting, bookkeeping, consumer law and economics. Emphasizes specific classroom applications related to non-clerical business courses. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 429. SECONDARY SCIENCE CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Methods and materials appropriate for teaching middle and high school science. Attention given to classroom, laboratory, small group and individualized instruction and new curricular approaches. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 431. SECONDARY SOCIAL STUDIES CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Adapts history, political science, economics, sociology, cultural geography, social psychology, and cultural anthropology to meaningfulness within the secondary curriculum. Presents pedagogical procedures including lecture, discussion, field trips, resource specialists, and audio-visual aids. Explains integrating current events for curricular relevance. NOTE: Official acceptance into Teacher Licensure Program by COTER required. Fieldwork required.

**ED 432. SECONDARY STUDENT TEACHING FOR 5<sup>TH</sup> YEAR STUDENTS (3).** Students approved by the Committee on

Teacher Education of Regis (COTER) student teach during the educational semester in a secondary school in the Denver Metro area under the direction of a cooperating teacher. Co-requisite(s): ED 495. Prerequisite(s): COTER approval. Fee required. NOTE: 16 weeks in a school observing, assisting, planning, teaching, and conferring under the direction of the cooperating teacher required. Pass/No Pass grading only.

**ED 433. K-12 ART CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Explores and applies theoretical and practical issues in designing and implementing a K-12 art education program. Emphasizes current trends in art education; materials and methods of teaching and assessing various art media; and curriculum development. NOTE: Official acceptance to the Teacher Licensure Program by COTER required.

**ED 433B. K-12 MUSIC CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Explores and applies theoretical and practical issues in designing and implementing a K-12 music education program. Emphasizes current trends in music education; materials and methods of teaching and assessing a variety of music formats; and curriculum development. NOTE: Official acceptance to the Teacher Licensure program by COTER required.

**ED 434. SECONDARY STUDENT TEACHING (8-11).** Students approved by the Committee on Teacher Education of Regis (COTER) student teach during the educational semester in a secondary school in the Denver Metro area under the direction of a cooperating teacher. Co-requisite(s): ED 495. Prerequisite(s): COTER approval. Fee required. NOTE: 16 weeks in a school observing, assisting, planning, teaching, and conferring under the direction of the cooperating teacher required. Pass/No Pass grading only.

**ED 434A. SECONDARY STUDENT TEACHING I (3-8).** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the two semester experience. Schedule will be arranged with the Education Department. Fee required. Prerequisite(s): ED 435 or ED 421, ED 427, ED 427A, ED 429A, and ED 431 or ED 433. Official acceptance to the Teacher Licensure program by COTER required. NOTE: Student must complete ED 434A and ED 434B to be eligible for Colorado Licensure.

**ED 434B. SECONDARY STUDENT TEACHING II (3-8).** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the two semester experience. Schedule will be arranged with the Education Department. This course completes the second half of the student teaching requirement for licensure. Fee required. Prerequisite(s): ED 434A and permission of Education Department required. NOTE: Student must complete ED 434A and ED 434B to be eligible for Colorado Licensure.

**ED 435. SECONDARY CURRICULUM PLANNING AND CLASSROOM MANAGEMENT (3).** Provides students with knowledge and skills needed for effective classroom management and planning in a Standards-Based environment. Student demonstrates mastery of short and long-term planning, time management, and research-driven methods to improve and report

student achievement, and develop instructional and behavioral expectations for the successful classroom. NOTE: Acceptance in Teacher Licensure Program by COTER required. Fieldwork required.

**ED 436. TECHNOLOGY IN THE CLASSROOM (1).** Examines a variety of new and emerging technologies and information related to K-12 classrooms. NOTE: Required for students seeking teacher licensure. Pass/No Pass grading only.

**ED 438. K-12 STUDENT TEACHING (8-11).** Students approved by the Committee on Teacher Education at Regis (COTER) student teach during the educational semester in an elementary and secondary placement in the Metro Denver area under the direction of a cooperating teacher. Co-requisite: ED 495. NOTE: Completion of all education courses and COTER approval. Sixteen weeks in a school observing, assisting, planning, teaching, and conferring under the direction of the cooperating teacher required. Senior standing required. Pass/No Pass grading only.

**ED 439. PRACTICUM : CULTURALLY AND LINGUISTICALLY DIVERSE (0).** 20 hours field work with CLD learners. Co-requisite: ED 485.

**ED 447. MULTICULTURAL LITERATURE AND LITERACY ACROSS THE ELEMENTARY CURRICULUM (3).** Explores historical and contemporary literature for children in America. Examines literature representing various genres that teachers use in elementary classrooms. Coursework includes readings, demonstrations, discussions, field trips and written analyses of fieldwork data. Prerequisite(s): Education Majors and Minors only. Junior standing required. Cross listing: EDLT 447. NOTE: Fieldwork required.

**ED 485. THEORIES, STRATEGIES, AND ASSESSMENT FOR CULTURALLY AND LINGUISTICALLY DIVERSE K-12 (3).** Provides research-based methods and strategies for teaching English as a Second Language to speakers of other languages. Explores curriculum materials appropriate to the development of English as a Second Language. Examines process learning as it applies to ESL in content areas. Discusses and demonstrates specific teaching methodology including natural learning and sheltered approaches to develop academic English. Co-Requisite: ED 439. Cross listing: EDLD 485.

**ED 490E-W. INDEPENDENT STUDY IN EDUCATION (1-3).** Pursues independent exploration of areas of interest under the supervision of a department member. Prerequisite(s): Approval of department chair.

**ED 495. STUDENT TEACHER SEMINAR (0-1).** Examines current educational practices, addresses student teaching issues, classroom management, Teacher Work Sample and Teacher Portfolio. Co-requisite: ED 417 or ED 434. Prerequisite(s): Senior standing. NOTE: Approval by COTER required.

**ED 498E-W. INTERNSHIP IN EDUCATION (3).** Provides internships in education taken under the supervision of a department member. Prerequisite(s): Approval of department chair and director of Academic Internship Program.

## EDUCATION: CULTURALLY AND LINGUISTICALLY DIVERSE EDUCATION (EDLD)

**EDLD 403. ASSESSMENT OF THE DIVERSE LEARNER (3).** Explores the principles, purposes, and processes of assessment used in the evaluation of exceptional learners and English language learners. Includes how assessment results can be used to develop appropriate educational programs for diverse students. Prerequisite(s): ED 401 or EDSP 401 and ED 485. Cross listing: EDSP 403.

**EDLD 413. TEACHING LITERACY TO ENGLISH LANGUAGE LEARNERS (3).** Designed for teachers who desire to increase their knowledge of the development of reading literacy skills for all students, with a focus on ELLs. Examines specific research-based strategies to teaching reading based on Colorado State Standards, while adhering to constructive principles. Students consider the similarities and differences of teaching reading to native and non-native speakers of English emphasizing the importance of family literacy in teaching reading to ELLs. Prerequisite(s): ED 485, EDLD 485 or permission of instructor required. Cross listing: EDLT 413.

**EDLD 433A. CULTURE IN CONTEXT (1).** Involves travel to Costa Rica for two weeks, full immersion into the language and culture, and reflection on the stages of cultural and language acquisition. Students will compare their real-life experiences in Costa Rica to educational theories in cultural and language acquisition.

**EDLD 451. MULTICULTURAL PERSPECTIVES (3).** Explores and reflects on multicultural perspectives, issues of social justice, and societal structures which impact the success of individual students and programs. Investigates and discovers threads that tie diverse cultures together through literature and discusses the implications of these discoveries for their own attitudes. NOTE: Participation in the community-based cultural and language acquisition program required.

**EDLD 475. LINGUISTICS FOR TEACHERS OF CULTURALLY AND LINGUISTICALLY DIVERSE STUDENTS (3).** Provides the learner with information concerning first and second language acquisition theory. Explores the structure and function of the English language including linguistics, applied linguistics, psycholinguistics, and sociolinguistics. Instructional practices for teaching English to speakers of other languages will be reviewed. Process learning as it applies to the acquisition of the English language will be explored and modeled. Prerequisite(s): ED 485 or permission of instructor required.

**EDLD 485. THEORIES, STRATEGIES, AND ASSESSMENT FOR CULTURALLY AND LINGUISTICALLY DIVERSE K-12 (3).** Provides research-based methods and strategies for teaching English as a Second Language to speakers of other languages. Explores curriculum materials appropriate to the development of English as a Second Language. Examines process learning as it applies to ESL in content areas. Discusses and demonstrates specific teaching methodology including natural learning and sheltered approaches to develop academic English Co-Requisite: ED 439. Cross listing: ED 485. NOTE: Field component of 20 hours required.

**EDLD 490E-W. INDEPENDENT STUDY: LINGUISTICALLY DIVERSE EDUCATION (1-6).** Pursues independent exploration of areas of interest under the supervision of faculty. Prerequisite(s): Permission of instructor required.

## EDUCATION: LITERACY (EDLT)

**EDLT 403A. ELEMENTARY READING AND WRITING: CONTENT, INSTRUCTION, AND ASSESSMENT (3).** Focuses on the significance of literacy and models teachers use to foster literacy acquisition in contemporary elementary classrooms. Participants observe, demonstrate, and evaluate peers and their own literacy instruction within the context of comprehension, phonetic awareness, phonics, fluency, and vocabulary. Includes reading and writing instruction and integration of fiction and nonfiction literature that stimulates joyful reading and writing. Coursework includes readings, demonstrates, simulations, lectures, dialogue, group and individual presentations, 35 hours as an instructional assistant in public school classrooms, and written analyses of fieldwork data. Prerequisite(s): ED 204, ED 302, and official acceptance into Teacher Licensure Program by COTER required. Cross listing: ED 403A. NOTE: Fieldwork required.

**EDLT 403B. SECONDARY LITERACY: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Participants build background knowledge and apply instructional strategies and assessments designed to promote students success as readers, writers, speakers, and listeners in middle school and high school classrooms. Coursework includes readings, demonstrations, discussions, 35 hours as an instructional assistant in public school classrooms, and written analyses of fieldwork data. Prerequisite(s): Official acceptance into Teacher Licensure Program by COTER required. Cross listing: ED 403B. NOTE: Fieldwork required.

**EDLT 405. LITERACY INTERVENTIONS (3).** Focuses on research-based approaches, strategies, assessment tools and issues related to effective literacy instruction for student performing significantly below grade level. Explores and evaluates individual reading and writing programs for students with the most challenging literacy needs. Students will also learn about reading disabilities and relationships of those disabilities to literacy development. Utilizes appropriate assessments to evaluate student needs and determine next steps for literacy interventions and instruction within the general education/content area classroom. Prerequisite(s): ED 204 and ED 302. Cross listing: EDSP 405.

**EDLT 413. TEACHING LITERACY TO ENGLISH LANGUAGE LEARNERS (3).** Designed for teachers who desire to increase their knowledge of the development of reading literacy skills for all students, with a focus on ELLs. Examines specific research-based strategies to teaching reading based on Colorado State Standards, while adhering to constructive principles. Students consider the similarities and differences of teaching reading to native and non-native speakers of English emphasizing the importance of family literacy in teaching reading to ELLs. Prerequisite(s): ED 485, EDLD 485 or permission of instructor required. Cross listing: EDLD 413.

**EDLT 415. EXPLORING IDENTITY AND DIVERSITY IN YOUNG ADULT LITERATURE (3).** Examines a range of literature for young adults, with emphases on interpretation and

pedagogy. Relates structural and thematic elements to the personal and academic development of adolescents, and explores ways to weave this literary genre into the fabric of secondary content area classes. Students will construct thematic units and lessons in a standards-based, assessment driven environment. Prerequisite(s): ED 204 and ED 302. NOTE: Junior standing or completion of Distributive Core required.

**EDLT 447. MULTICULTURAL LITERATURE AND LITERACY ACROSS THE ELEMENTARY CURRICULUM (3).** Explores historical and contemporary literature for children in America. Examines literature representing various genres that teachers use in elementary classrooms. Coursework includes readings, demonstrations, discussions, field trips and written analyses of fieldwork data. Prerequisite(s): Education Majors and Minors only. Junior standing required. Cross listing: ED 447. NOTE: Fieldwork required.

## EDUCATION: SPECIAL EDUCATION (EDSP)

**EDSP 380. SPECIAL EDUCATION PRACTICUM (0),** Thirty-five hours as an intern in a special education classroom. Work with children/adolescents with special needs is designed to connect coursework with classroom experience. School placement will be arranged by the Education Department. NOTE: Students should only register for one section of fieldwork in any given semester. Pass/No Pass grading only.

**EDSP 401. TEACHING THE EXCEPTIONAL STUDENT IN THE GENERAL EDUCATION CLASSROOM (3).** Focuses on philosophy and methodology of integrating exceptional children into regular classroom. Studies mental retardation, learning disabilities, behavior disorders, communication disorders, hearing and visual impairment, physical impairment and the gifted and talented. Includes techniques and methods of diagnosis, remediation, and individualization. Prerequisite(s): ED 204 and ED 302. Cross listing: ED 401.

**EDSP 402. COLLABORATION FOR THE EXCEPTIONAL STUDENT (3).** Provides students with the knowledge and skills needed to work with others to develop successful inclusive education programs. Includes working with parents, special educators, and related services personnel on behalf of exceptional students. Prerequisite(s): ED 401 or EDSP 401. NOTE: Admission to the Department not required for students intending to Minor in Special Education.

**EDSP 403. ASSESSMENT FOR THE DIVERSE LEARNER (3).** Explores the principles, purposes, and processes of assessment used in the evaluation of exceptional learners and English language learners. Includes how assessment results can be used to develop appropriate educational programs for diverse students. Prerequisite(s): ED 401 or EDSP 401 and ED 485. Cross listing: EDLD 403. NOTE: Admission to the Department not required for students intending to minor in Special Education.

**EDSP 404. INSTRUCTION FOR THE EXCEPTIONAL STUDENT (3).** Examines educational strategies and relevant research to address the skill deficits (language arts and mathematics) manifested in students with exceptionalities. Includes general classroom accommodations for exceptional students. Prerequisite(s): ED 401 or EDSP 401. NOTE: Admission to the

Department not required for students intending to minor in Special Education.

**EDSP 405. LITERACY INTERVENTIONS (3).** Focuses on research-based approaches, strategies, assessment tools and issues related to effective literacy instruction for student performing significantly below grade level. Explores and evaluates individual reading and writing programs for students with the most challenging literacy needs. Students will also learn about reading disabilities and relationships of those disabilities to literacy development. Utilizes appropriate assessments to evaluate student needs and determine next steps for literacy interventions and instruction within the general education/content area classroom. Prerequisite(s): ED 204 and ED 302. Cross listing: EDLT 405.

**EDSP 406. POSITIVE BEHAVIOR INTERVENTIONS AND SUPPORTS (3).** Provides a basis for understanding and addressing behavior challenges of diverse learners. Explores foundations of PBIL--principles, policies and practices, theoretical perspectives on the nature of challenging behavior, functional based behavior assessment and support planning, individual, classroom, school-wide support systems, interventions and practices to facilitate positive behavior and social competence. Prerequisite(s): ED 401.

**EDSP 480. PRACTICUM: STUDENTS WITH SPECIAL NEEDS (0).** Thirty-five hours as an intern in a special education classroom. Work with children/adolescents with special needs is designed to connect coursework with classroom experience. School placement will be arranged by the Education Department. Prerequisite(s): ED 401. NOTE: Students should only register for one section of fieldwork in any given semester. Pass/No Pass grading only.

**EDSP 490E-W. INDEPENDENT STUDY IN SPECIAL EDUCATION (1-6).** Pursues independent exploration of areas of interest under the supervision of faculty. Prerequisite(s): Permission of instructor required.

## ENGLISH (EN)

**EN 203. INTERMEDIATE COMPOSITION (3).** Studies expository writing. Concentrates on critical and argumentative essays of 500-1,000 words. NOTE: Reasonable competency in basic writing and word processing required.

**EN 250/EN 250C. LITERATURE MATTERS (3).** Introduces the literary genres of poetry, fiction, and drama. Students will write a series of analytical essays, including at least one research essay. Prerequisite(s): RCC 200. NOTE: EN 250C is a course that emphasizes communication in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**EN 300. LITERARY ANALYSIS (3).** Introduces and develops advanced approaches to thinking and writing about literature. Explores the fundamentals of poetic, dramatic, and narrative forms, while seeking a more complex understanding of literary analysis and evaluation. Prerequisite(s): RCC 200. Co-Requisite: EN 301.

**EN 301. DIGITAL WRITING LAB (0-1).** Supports students with portfolios, design programs (Adobe Suite, Gimp), movie and audio software, web writing and website creation. Co-Requisite: EN 300

**EN 323. AMERICAN LITERATURE SURVEY TO 1865 (3).**

Surveys significant works of American literature from first exploration to the end of the Civil War. Examines representative authors literary works, styles, and movements within a historical context. Includes authors such as Bradstreet, Irving, Poe, Hawthorne, Emerson, Thoreau, Whitman, and Dickinson. Prerequisite(s): RCC 200. NOTE: English Majors only.

**EN 324. AMERICAN LITERATURE SURVEY 1865-PRESENT (3).**

Surveys significant works of American literature from the end of the Civil War to the present. Examines representative authors, literary works, styles, and movements within a historical context. Includes authors such as Twain, James, Frost, Eliot, Hemingway, and Morrison. Prerequisite(s): RC 200. NOTE: English Majors only.

**EN 353. BRITISH LITERATURE SURVEY TO 1789 (3).** Surveys significant works of British literature from the Old English period to the eighteenth century. Examines representative authors, literary works, styles, and movements within a historical context. Includes such authors as Chaucer, Shakespeare, Milton, Behn, and Johnson. Prerequisite(s): RCC 200. NOTE: English Majors only.

**EN 354. BRITISH LITERATURE SURVEY 1789-PRESENT (3).**

Surveys significant works of British literature from the Romantics to the present. Examines representative authors, literary works, styles, and movements within a historical context. Includes such authors as Coleridge, Wordsworth, Keats, Tennyson, Browning, Yeats, Eliot, and Heaney. Prerequisite(s): RCC 200.

**EN 410E-W. WOMEN IN LITERATURE (3).** Surveys women's literary achievement, or focuses on a particular historical period or cultural milieu, ethnographic perspective or social theme. Examines literary and critical works focusing on women's viewpoints in social, cultural, economic, and aesthetic contexts. Prerequisite(s): EN 300. Cross listing: WGS 410E-W.

**EN 412. RHETORIC: THE ART OF PERSUASIVE WRITING (3).**

The study of classical rhetoric, the art of persuasion. Focuses on organizational and stylistic techniques used by great writers to inform and persuade audiences. Course is writing-intensive. Prerequisite(s): RCC 200 or Permission of the Instructor.

**EN 415. LOVE, LOSS, AND MADNESS: THE AMERICAN SHORT STORY (3).** Examines American short fiction from early authors such as Hawthorne, Thoreau, Melville, Poe, and contemporary authors such as Alexie, Le Guin, and Russo. Prerequisite(s): EN 300.

**EN 421. AMERICAN WOMEN WRITERS OF COLOR (3).**

Studies American women writers of color of the 20<sup>th</sup> and 21<sup>st</sup> century. Readings will focus on fiction and other genres, including the works of Kingston, Lahiri, Erdich, Garcia, Castillo, and Morrison. Prerequisite(s): EN 300.

**EN 422. MYTHIC THEMES IN CONTEMPORARY LITERATURE (3).**

Introduces the narrative, metaphorical and symbolic functions through which myth communicates the sacred truths of a culture. Emphasis on Graeco-Roman and Judeo-Christian themes that inflect the Western literary tradition. Prerequisite(s): EN 300.

**EN 423E-W. INTERDISCIPLINARY STUDIES IN AMERICAN LITERATURE (3).** Examines themes in American literature from an interdisciplinary perspective. Prerequisite(s): EN 300.

**EN 425E-W. AMERICAN LITERATURE TO 1865 (3).** Involves concentrated reading and analysis of a single theme, a single author or combination of authors or a single literary period or movement (e.g., Hawthorne and Melville, Whitman and Dickinson, The American Renaissance, Early American Women Writers). Prerequisite(s): EN 300.

**EN 426E-W. AMERICAN LITERATURE 1865-1918 (3).** Provides an opportunity for concentrated reading and analysis of a single theme, a single author or combination of authors or a single literary period or movement (e.g., Twain, American Realism and Naturalism, Multi-Cultural Literature before World War I). Prerequisite(s): EN 300.

**EN 427E-W. AMERICAN LITERATURE 1918-PRESENT (3).**

Involves concentrated reading and analysis of a single theme, a single author or combination of authors, or a single literary period or movement (e.g., Hemingway, The Harlem Renaissance, and The Postmodernist Novel). Prerequisite(s): EN 300.

**EN 428. AMERICAN LITERATURE IN THE ATOMIC AGE (3).**

Examines American literature in the aftermath of World War II, focusing on the paranoia and fragmentation of the atomic age. Authors include Bellow, Kerouac, Pynchon, Nabokov, Vonnegut, DeLillo. Prerequisite(s): EN 300.

**EN 429. ELLISON AND MORRISON (3).** Focuses on issues of race and gender in 20<sup>th</sup> century American literature through the works of two renowned African Americans: Ralph Ellison (*Invisible Man*) and Toni Morrison (*Bluest Eye*, *Song of Solomon*, *Jazz*, *Beloved*). Cross-listing: WGS 410K. Prerequisite(s): EN 300.

**EN 430. FAULKNER (3).** Read the greatest works of fiction from one of the greatest American writers. Includes *Sound and the Fury*, *Absalom, Absalom!*, *Light in August*, and *As I Lay Dying*, among others. Prerequisite(s): EN 300.

**EN 431. CHAUCER (3).** Involves the reading and analysis of *The Canterbury Tales* in the original Middle English, and similar study of other major poems by Chaucer. Prerequisite(s): EN 300.

**EN 432. CHAUCER VS. LONGLAND (3).** Chaucer and Langland wrote the two masterworks of medieval English literature, poems that oppose each other in every conceivable way. Explores how each attempts to seize control of the future of English literature. Prerequisite(s): EN 300.

**EN 432E-W. SHAKESPEARE: (3).** Involves the study of Shakespeare's poetry, plays, life, and age. Prerequisite(s): EN 300. Cross listing: PJ 432E-W.

**EN 433. JAMES JOYCE (3).** Studies James Joyce's works, including *Dubliners*, *A Portrait of the Artist as a Young Man*, and *Ulysses*. Prerequisite(s): EN 300.

**EN 435. ANGLEA CARTER'S SURREALIST LITERATURE (3).** Explores the novels, essays, and short stories of Angela Carter, one of the most important and influential contemporary British writers. Investigates her works' relation to several traditions, including surrealism, psychoanalysis, feminism, and contemporary Gothic literature. Prerequisite(s): EN 250 and EN 300. Cross-listing: WGS 410L.

**EN 439. CONTEMPORARY LITERATURE (3).** Examines novels in contemporary fiction and other genres. Includes works by such authors as Franzen, DeLillo, Auster, Murakami, Zadie Smith,



Chabon, Morrison, Lahiri, Nabokov, and Alexie. Prerequisite(s): EN 300.

EN 443. OLD ENGLISH (3). Focusing on the masterful elegies and riddles of the Exeter book, this class explores how Anglo-Saxon communities composed and performed poetry. Students will learn to read and recite Old English verse in its cultural context. Prerequisite(s): EN 300.

EN 445. RADICAL PASTORAL (3) Surveys pastoral literature from the English Renaissance, while nodding back to classical and forward to modern examples. Prerequisite(s): EN 300.

EN 446. THE 17TH CENTURY (3). Surveys the later Renaissance, Commonwealth, and Restoration eras, including representative works of Metaphysical, Cavalier, and/or Restoration poets, Jacobean and/or Restoration playwrights, and/or the prose stylists of the period. Prerequisite(s): EN 300. EN 447. AUSTEN (3). Studies the works of Jane Austen. Prerequisite(s): EN 300.

EN 449. SENSE AND SENSIBILITY (3). Studies the competing notions of rationalism and sensibility in the fiction, poetry, and drama of eighteenth-century Britain, with a special focus on Jane Austen's *Sense and Sensibility*. Prerequisite(s): EN 300.

EN 450. ROMANTICISM (3). Studies representative fiction and poetry from the first half of the 19th century. Prerequisite(s): EN 300.

EN 451. DICKENS (3). Involves the study of Dickens' novels, life and times. Prerequisite(s): EN 300

EN 452. WILLIAM WORDSWORTH (3). Treats the most influential poet of the British Romantic period through reading and study of Wordsworth's major publications, including *Lyrical Ballads* and *The Prelude*, a biography of the poet, and criticism from Coleridge to Hartman. Prerequisite(s): EN 300.

EN 453. BRITISH MODERNISMS (3). Examines literature in the British Isles from 1900 to 1950. Prerequisite(s): EN 300.

EN 454. LINGUISTIC APPROACHES TO LITERATURE (3). Introduces historical and comparative linguistics, semantics, syntax, phonology, stylistics, and pragmatics, and emphasizes their application in the analysis of literary texts. Prerequisite(s): EN 300 and one 400-level EN course NOTE: Junior standing or permission of instructor.

EN 455. VICTORIAN LITERATURE (3). Involves reading and analysis of such novelists as Bronte, Eliot, and Hardy; such essayists as Carlyle, Mill, and Arnold; and such poets as Tennyson, Browning, and the Pre-Raphaelites. Prerequisite(s): EN 300.

EN 457. 20TH CENTURY IRISH LITERATURE (3). Studies Irish writers of the 20th century including Shaw, Yeats, Joyce, Synge, O'Casey and Beckett. Prerequisite(s): EN 300.

EN 460. AMERICAN MODERNIST POETRY (3). Involves the reading and analysis of such major American poets as Eliot, Frost, Pound, Stevens, Williams. Prerequisite(s): EN 300.

EN 464. POSTCOLONIAL WORLD LITERATURE (3). Investigates writings in and about previously colonized countries throughout the 20th century, paying close attention to the lingering effects of colonialism on the writing of the time. Literature includes works from India, the Caribbean, Africa, and Latin America. Prerequisite(s): EN 300.

EN 465. HISTORY OF THE ENGLISH LANGUAGE (3). Examines the linguistic history of English from its beginnings to the present day in order to explore how language change shapes how communities make and read literature and articulate their cultural experiences. Prerequisite(s): EN 300.

EN 466. LITERARY THEORY (3). Surveys the varied approaches to literary study applied by scholars, attends to the differences in textual interpretation that result from the application of these approaches, and evaluates what these approaches reveal and conceal about literary texts. Prerequisite(s): EN 300 and one 400-level EN course. NOTE: Junior standing or permission of instructor.

EN 467. TEXTUAL CRITICISM AND MANUSCRIPT STUDIES (3). Approaching texts as cultural artifacts grounded in, and transformed by, their material contexts, this course examines the processes that shape the production, transmission, and reception of texts, from manuscripts and printed editions to hypertext. Prerequisite(s): EN 300.

EN 470. POSTMODERN LITERATURE AND FILM (3). Investigates the contemporary genre of philosophically informed novels and films. Authors include Paul Auster, Julian Barnes, Angela Carter, Salman Rushdie, and Tom Stoppard. Prerequisite(s): EN 300, or permission of instructor.

EN 474E-W. COMPARATIVE LITERATURE (3). Studies significant works in English translations in the context of their interrelation with various traditions in English and American literature.

EN 480. BUSINESS AND TECHNICAL WRITING (3). Working with nonprofit organizations and case studies, students will practice writing business documents, web-based multimedia documentation, instructions, and grants, as well as considering the ethics of business writing. Prerequisite(s): RCC\*200 or permission of instructor. Cross listing: PJ 483.

EN 481. MULTIMEDIA WRITING (3). Examines current theory around evolving digital media and applies it to creating websites, video, podcasts, and games. Provides instruction in visual design and user-centered design. Prerequisite(s): RCC 200 or permission of instructor.

EN 482A. CREATIVE WRITING: FICTION (3). Provides a workshop in fiction emphasizing discussion of students' fiction. Includes analysis of the elements of fiction and techniques used by a variety of modern and contemporary writers. Prerequisite(s): EN 300 or permission of instructor.

EN 482B. CREATIVE WRITING: POETRY (3). Provides a workshop in poetry writing emphasizing the discussion of students' poetry. Includes analysis of the elements of poetry and techniques used by a variety of modern and contemporary writers. Prerequisite(s): EN 300 or permission of instructor.

EN 482C. CREATIVE WRITING: ADVANCED FICTION (3). Advanced instruction in craft of fiction; professional perspectives on the art in the context of rigorous criticism. In workshop format, students practice the genre, further define it, examine its many forms, and receive professional peer review. Prerequisite(s): EN 300.

EN 482D. CREATIVE WRITING: ADVANCED POETRY (3). Advanced instruction in craft of poetry; professional perspectives on the art in the context of rigorous criticism. In workshop

format, student practice the genre, further define it, examine its many forms, and receive professional peer review.

Prerequisite(s): EN 300.

**EN 484. AMERICAN RENAISSANCE IN MASSACHUSETTS (1).** Travel-learning trip for students of EN 425K during spring break. Visits to Boston and the hometowns of Emerson, Thoreau, Hawthorne, Melville, and Dickinson. Fee required. NOTE: Enrollment is limited to student who are registered for EN 425K.

**EN 490E-W. INDEPENDENT STUDY (1-3).** Develops independent exploration of areas of interest under the direction of a department member. . Prerequisite(s): EN 300 and approval of department chair.

**EN 492E-W. SPECIAL TOPICS IN LITERATURE (3).** Involves the reading and analysis of selected topics in literature. Focuses on selected literary issues, periods, or theoretical problems (e.g., After the Apocalypse, Writing in the Nuclear Age, Teaching Banned Books, and The Small Town in Literature). Prerequisite(s): EN 300.

**EN 495E-Z. THEMES IN LITERATURE (3).** Provides an opportunity for concentration on a single theme, a single author, or combination of authors in an intensive study (e.g., Africa in Literature, Arthurian Legend, and Literature of the Unconscious). Prerequisite(s): EN 300.

**EN 498E-W. INTERNSHIP IN WRITING (3).** Credit may be earned for employment in which the student is responsible for various kinds of writing and in which there is an integration of practical experience and academic guidance. Prerequisite(s): Approval of department chair and director of Academic Internship Program. NOTE: Students may obtain as many as six (6) semester hours of credit, but only three (3) semester hours may be applied to the English major.

## ENVIRONMENTAL STUDIES (ENVS)

**ENVS 250. INTRODUCTION TO ENVIRONMENTAL SCIENCE (3).** Explores the environment and its modification by human activity within a scientific context. Considers the chemical, geological, climatological, and biological bases of current environmental issues. Co-requisite: ENVS 251. NOTE: Required for Environmental Studies majors and minors. Designed for non-science majors to meet the Natural Science Core requirement when taken with ENVS 251.

**ENVS 251. ENVIRONMENTAL SCIENCE LABORATORY (1).** Involves laboratory and field exercises accompanying and reinforcing lecture topics. May require a field trip outside of class time. Co-requisite: ENVS 250. NOTE: One three-hour laboratory per week.

**ENVS 402. PRINCIPLES OF ECOLOGY (3).** Explores the interactions of organisms in the context of their biotic and abiotic environments. Examines the basic models and principles used in evolutionary, behavioral, population, community, and ecosystem ecology. Prerequisite(s): BL 260 and BL 262 and MT 272. Cross listing: BL 402. NOTE: Required for all Biology and Environmental Science majors.

**ENVS 403. ECOLOGY LABORATORY (1).** Involves research design and the collection, evaluation, and statistical analysis of

ecological data in the laboratory and in the field. Prerequisite(s): BL 261 and BL 263 and MT 272. Cross listing: BL 403. NOTE: Required for all Biology and Environmental Science majors.

**ENVS 406 CLIMATE CHANGE: SCIENCE, SOCIETY, AND ACTION (3).** Explores the scientific basis for human-caused climate change and examines how information about climate is generated, disseminated, and informs societal action. Prerequisite(s): Completion of natural science distributive core and junior standing, or permission of instructor.

**ENVS 407. HISTORY AND PRACTICES OF COMMUNAL ENVIRONMENTALISM (3).** Participants track change in several communities' environmental and cultural histories. Readings, discussions, projects, speakers, and fieldwork with children and youth integrate traditional and contemporary practices contributing to current and future environmental and cultural well-being. Co-Requisite: RCC 410E. NOTE: Junior Standing. Four hours of fieldwork outside class required. Optional weekend field trip to southern Colorado. Cross listing: HS 407 and PJ 437E.

**ENVS 408. CONSUMPTION, CONTENTMENT, AND CLIMATE CHANGE (3).** Explores the relationship between consumption, happiness and climate change, probing the assumption that economic growth promotes happiness and considering alternatives to mainstream economics. NOTE: Junior standing or completion of Distributive Core required.

**ENVS 410. AQUATIC ECOLOGY (3).** Develops student knowledge of freshwater ecology in its physical and chemical context. Emphasizes aquatic communities and includes exploration of the impacts of human activities on aquatic systems. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 410.

**ENVS 411. ECOTHEOLOGY (3).** Explores contemporary environmental issues from the perspectives of different religious traditions. Compares spiritual and religious views of the environment, its meaning, and its relation to human beings. Explores scientific understandings of contemporary environmental issues, asking how religions engage these issues. NOTE: Completion of Natural Science Core requirement or permission of instructor required

**ENVS 414. RELIGION AND THE ENVIRONMENT (3).** Examines the interconnection between religion and the environment, including: the ways in which religion may be used to frame and discuss environmental issues; the contribution to environmental ethics made by religion; and the ways in which the environmental movement is shaped by and related to spiritualism.

**ENVS 415. ENVIRONMENTAL ETHICS (3).** Examines the theories of value, justice, and gender and applies them to environmental problems such as sustainability, climate change, over-population, consumption and waste, and wilderness protection, with the goal of developing ethical and political responses to these problems. Prerequisite(s): One 200 Level Philosophy Course. Cross listing: PL 448J and PJ 473 .

**ENVS 416. JUST AND SUSTAINABLE DEVELOPMENT (3).** Integrates knowledge of development practice and theory from the perspective of communities, states, and the global system. Builds on community-based models of just and sustainable development success. Interdisciplinary, drawing on health, environment, politics, business and law. Prerequisite(s): POL 231,

POL 241, or POL 281. Cross listing: POL 406. NOTE: Junior standing or completion of Distributive Core required.

ENVS 417. ENVIRONMENTAL RHETORIC (3). Explores the values, needs, and persuasive strategies of various communities engaged in environmental debate, and includes guest speakers from across the Front Range, readings from multiple genres, and applied writing practice. NOTE: Junior standing or completion of Distributive Core required.

ENVS 418. ENVIRONMENTAL ECONOMICS AND LAW (3). Examines the economic, legal, and political systems that affect and regulate the use and conservation of the environment. Examines topics such as sustainable development and environmental regulation. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4218.

ENVS 419. WILDERNESS: A STORY OF PASSION AND PERSEVERENCE(3). Introduces the philosophy, the literature, the legislation, and the current debate surrounding "wilderness." Includes a mix of reading, discussion, writing, and a service learning project.

ENVS 420. ENVIRONMENTAL POLITICS (3). Uses four case studies of environmental progress to drive analysis of local, regional, national, and global levels of dealing with change and conservation. Examines civil society, state and UN system approaches to building environmental norms that shape policy and legislation. Prerequisite(s): POL 231, POL 241, and POL 281. Cross listing: POL 420. NOTE: Junior standing or completion of distributive core required.

ENVS 421. READ NATURE, WRITE THE WORLD (3). Integrates different types of disciplinary thinking through reading and writing across the genres of poetry, fiction, nonfiction essay/memoir, and research-based position papers. The latter genre will require the student to demonstrate a degree of scientific literacy and the ability to reason quantitatively. Prerequisite(s): Junior standing.

ENVS 425. ENVIRONMENT AND INTERNATIONAL SECURITY (3). Describes and evaluates environmental processes and conditions that affect contemporary and future international and human security. Examines causes, forms, and consequences of environmental scarcity and degradation. Prerequisite(s): POL 231 or POL 241. Cross listing: POL 451.

ENVS 428. CONSERVATION BIOLOGY (3). Introduces the fundamental principles of conservation biology including patterns of global biological diversity, biogeography, population genetics, extinction, restoration ecology, management, and conservation policy. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 428. NOTE: Junior standing or completion of Distributive Core required.

ENVS 432. INTERNATIONAL POLITICAL ECONOMY (3). Analyzes the interactions and interrelationships between political and economic factors at the global level. Factors include monetary management, trade, multinational corporations, foreign aid, cartels, and debt. Considers Western and North-South systems. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4232, PJ 454 and POL 432.

ENVS 433. WORLD HISTORY TO 1600: AN ECOLOGICAL PERSPECTIVE (3). Focuses on the ecological, cultural and civilizational regions of the world and their interactions from pre-

history to 1600. Employs case studies and historical methodology. Cross listing: HS 403.

ENVS 435. ADVANCED FIELD ECOLOGY LABORATORY (2). Introduces students to methods of sampling and studying a variety of organisms in the field. Develops student ability to design, conduct, and appropriately interpret field ecological studies. Prerequisite(s): BL 403 or ENVS 403. Cross listing: BL 435.

ENVS 437. ENVIRONMENTAL JUSTICE: RACE AND CLASS (3). Explores how race and class intersect with natural disasters, toxic waste dumps, pollution, inadequate sanitation, pesticides, childhood lead poisoning and asthma epidemics, inequities in public transportation, and a wide range of ongoing social movements and success stories. Prerequisite(s): One 200-level Sociology or Anthropology course, or permission of instructor. Cross-listing: CJ 437, SO 437, and PJ 437.

ENVS 438. THAT'S GARBAGE! MAKING DIGITAL STORIES OF AN ABOUNDING MYSTERY (3). Course explores the mysteries of garbage - its past and future, where it goes when you are done with it, the real people who deal with it, the human and environmental problems it causes, the untapped resource it is, and unique solutions for creating a world with less waste. Students will explore ideas through books, blogs, websites, field trips, self-reflection, interviews, and discussions, then analyze and distill that information to write great stories and to craft a series of your own digital stories for the public. Students will produce non-fiction digital video stories for personal reflection, research, and social change. Pre-requisite: Junior Standing.

ENVS 440. ENVIRONMENT AND CULTURE (3). Provides an introduction to cultural perspectives on the environment focusing on how social categories such as race, gender and class shape the way humans interact with the natural environment and react to environmental degradation.

ENVS 441. SUSTAINABLE COMMUNITIES (3). Explores social, environmental, and economic issues that prevent and encourage more sustainable communities. Topics include transportation, sprawl, poverty, urban/wildlife interface, housing, population, consumption, municipal/toxic waste, community resources and empowerment, and a variety of proposed solutions from around the world. Prerequisite(s): SO 200 or SO 203 or permission of instructor required. Cross listing: PJ 441 and SO 441.

ENVS 445. COMPARATIVE PUBLIC POLICY (3). Provides a comparative examination of public policy in western industrialized nation-states emphasizing the interaction and interdependency of politics and economics. Evaluates basic issues of public policy including distribution, extraction, and regulation focusing on identifying both the range of possible choices and the actual outcomes of adopted policies under a variety of circumstances. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4245 or POL 445 or PJ 446.

ENVS 446. MARINE BIOLOGY (3). Develops student knowledge of the biology of the world ocean, emphasizing marine diversity and ecology in oceanographic context. Introduces students to issues of commercial fisheries, mariculture, and oceanic pollution and helps students develop integrative positions. Prerequisite(s): BL 260 and BL 262. Cross-listing: BL 446.

ENVS 448. PLANT DIVERSITY AND ECOLOGY (3). Surveys plant systematics and distributional aspects of plant community

ecology. Emphasizes identification, classification, biogeography, and environmental effects on plant distribution and community structure. Focuses on the Colorado flora. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 448. NOTE: One or two weekend field trips required.

**ENVS 450. ENVIRONMENTAL IMPACT ASSESSMENT (1).** Focuses on the theory and methods of creating environmental impact assessment reports. Explores various perspectives including ecology, chemistry, geology, economics, and environmental justice. Prerequisite(s): ENVS 250.

**ENVS 451. MARKETING FOR SOCIAL CHANGE IN UGANDA (3).** Experiential immersion course, exploring multiple disciplinary perspectives (e.g., business, economics, gender, history, geography, political science) on extreme poverty and economic development in Uganda. In the middle of the semester-long course, students will travel to Uganda. Cross-listing: BA 4488, PJ 451W, WGS 485W. NOTE: Junior standing required. Travel to Uganda is required.

**ENVS 455. MODELING SUSTAINABILITY (3).** Sustainability can be defined in many different ways. This course explores the concept of sustainability and ask why it matters. Investigate the myriad of ways that services, products, business, institutions, and people can improve their sustainability, and discusses why that matters in a global context.

**ENVS 458. BEHAVIORAL ECOLOGY (3).** Explores the mechanisms and functions of animal behavior with emphasis on the ecological and evolutionary bases of animal behavior. Some areas discussed include communication, reproductive behavior, and social behavior. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 458.

**ENVS 459. ANIMAL BEHAVIOR LABORATORY (1).** Laboratory and field exercises accompany and reinforce lecture topics. Involves non-invasive work with live animals. Co-requisite: ENVS 458. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 459.

**ENVS 460. FOREST AND LANDSCAPE ECOLOGY (3).** Investigates the unique ecological characteristics of forest ecosystems, surveys the diversity of world forests, and explores methods of analysis and management of forests at landscape scales. Prerequisite(s): BL 260, BL 262, and MT 272. Cross listing: BL 460. NOTE: May require participation in field trips outside of class time.

**ENVS 461. WESTERN ECOLOGY, LAW, AND LAND STEWARDSHIP (3).** Investigates how ecology and laws have interacted to produce the specific ecology of the Western United States, particularly Colorado and Utah. Students will camp every night of the second two weeks of this course in the areas that will be studied. Being in the field gives the student a unique opportunity to assess the ecological impacts of various land use laws.

**ENVS 462. PRIMATE ECOLOGY AND BEHAVIOR (3).** Explores the ecology and evolution of primates in the context of their biotic and abiotic environments. Emphasizes primate life history, behavior, social organization and conservation ecology. Prerequisite(s): BL 260 and BL 262. Cross listing: BL 462. NOTE: May require participation in field trips outside of class time.

**ENVS 470. ECONOMIC DEVELOPMENT (3).** Studies various models/theories of economic development that traces a history of

underdevelopment. Investigates the various barriers and problem areas in developing countries. Assesses possibilities, prospects, and policies for the future. Prerequisite(s): EC 3200. Cross listing: BA 4170, EC 4170, and PJ 470.

**ENVS 474. GEOGRAPHIC INFORMATION SCIENCE (3).** Explores the basic concepts, assumptions, theories, and structures of geographic information systems (GIS). Covers GIS methods through hands on activities using up-to-date software. Emphasizes applications of GIS for the spatial analysis of environmental issues. NOTE: Completion of Natural Science Core requirement or permission of instructor required.

**ENVS 481E-W. SPECIAL TOPICS IN ENVIRONMENTAL STUDIES (1-4).** Explores selected topics in environmentally focused topics not normally covered in regular course offerings. Prerequisite(s): Sophomore standing or higher.

**ENVS 484. ANTHROPOLOGY OF TOURISM (3).** Examines the phenomenon of tourism in relationship to modernity, authenticity, sexual and romantic tourism, ecotourism, and others. Prerequisite(s): SO 200 and SO 204 or AN 204 or permission of instructor. Cross listing: AN 484 and SO 484.

**ENVS 486. OIL AND WATER IN THE GREATER MIDDLE EAST (3).** Focuses on the history and effects of water use and fossil fuel extraction in the arid climate zone from North Africa to Pakistan. Cross listing: HS 486 and PJ 488.

**ENVS 490E-W. INDEPENDENT STUDY IN ENVIRONMENTAL STUDIES (1-3).** Offers an opportunity for advanced study in independent research projects in environmental studies. Prerequisite(s): Permission of instructor and approval of Environmental Studies director.

**ENVS 495A. PORTFOLIO DEVELOPMENT I (1).** Explores the expected program outcomes for a major in ENVS. Focuses on the first steps in assembling an academic portfolio to demonstrate attainment of program outcomes. NOTE: Senior standing required.

**ENVS 495B. PORTFOLIO DEVELOPMENT II (1).** Involves completion and assessment of an academic portfolio. NOTE: Majors only.

**ENVS 498E-W. INTERNSHIP IN ENVIRONMENTAL STUDIES (3).** Develops skills related to real-life working situations in major-related field. Prerequisite(s): Approval of Environmental Studies director and Academic Internship Program director.

## FINE ARTS: ARTS (FAA)

**FAA 215. INTRODUCTION TO ELECTRONIC IMAGING (3).** Introduces students to the foundations, practice, history, and technical domain of electronic imaging and digital image processing. Esthetic, technical, social, and ethical issues regarding the practice of electronic image making are discussed in the context of student's own electronic image making. Course utilizes imaging programs (such as PhotoShop and Illustrator) and graphic design programs (such as PageMaker).

**FAA 218. INTRODUCTION TO WEB ART AND NEW MEDIA (3).** Covers the historical development and applied practices of internet art and other forms of new media. Through a variety of

online and offline projects, explores the growing fields of internet art and new media.

**FAA 240. INTRODUCTION TO PHOTOGRAPHY (3).**

Introduces photography as a medium of artistic expression that utilizes the camera, basic digital imaging techniques, and inkjet printers to develop and express ideas and experience through visual means.

**FAA 250. INTRODUCTION TO PAINTING (3).** Uses various materials to teach fundamental painting techniques and to facilitate the development of individual expressive exploration.

**FAA 260. INTRODUCTION TO SCULPTURE (3).** Provides an extensive working knowledge of the basic three-dimensional techniques and concepts of sculpture.

**FAA 270. INTRODUCTION TO DRAWING (3).** Studies the fundamental principles of drawing with emphasis on the physical as well as mental aspects of creative drawing.

**FAA 290. INTRODUCTION TO PRINTMAKING (3).** Introduces students to the foundations, practice, history, and technique of Fine Art printmaking. Discusses esthetic, social, and ethical issues in the context of student's own creative output. Covers reflex, intaglio, and Plano graphic techniques.

**FAA 330. DESIGN FOUNDATION (3).** Covers foundation concepts of two-dimensional and three-dimensional design including visual elements, composition, media and materials. Through a sequence of assignments, explores design concepts, creative process, and visual thinking.

**FAA 331. GRAPHIC DESIGN FOUNDATION (3).** Lecture/studio course in graphic design covering historical and applied practices. Covers foundation information and process in graphic design including an introduction to typography, page layout, design software, and logo development.

**FAA 420. ADVANCED ELECTRONIC IMAGING (3).** Explores issues particular to the current practice of digital image making. Focuses on digital printmaking and presentation. Prerequisite(s): FAA 215 or permission of instructor.

**FAA 421E-W. ELECTRONIC IMAGING STUDIO (3).** Provides continued supervised studio electronic imaging practice beyond the beginning level. Includes the development of student portfolios and enjoyment in peer and instructor critiques. Prerequisite(s): FAA 215 and FAA 420 or permission of instructor.

**FAA 443. ADVANCED PHOTOGRAPHY (3).** A continuation of the study of photography as a fine art with an exploration of various applications of photography that guide the student in the development of a portfolio of creative work. Prerequisite(s): FAA 240.

**FAA 446E-W. PHOTOGRAPHY STUDIO (3).** Provides supervised studio photography practice beyond the beginning level. Involves the development of student portfolios and engaging in peer and instructor critiques. Prerequisite(s): FAA 443 or permission of instructor.

**FAA 450. ADVANCED PAINTING (3).** A continuation of FAA 250. Prerequisite(s): FAA 250 or equivalent, or permission of instructor.

**FAA 451E-W. PAINTING STUDIO (3).** Provides continued supervised studio painting practice beyond the beginning level. Involves the development of student portfolios and engaging in peer and instructor critiques. Prerequisite(s): FAA 450 or permission of instructor.

**FAA 460. ADVANCED SCULPTURE (3).** A continuation of FAA 260. Prerequisite(s): FAA 260 or permission of instructor.

**FAA 461E-W. SCULPTURE STUDIO (3).** Provides continued supervised studio sculpture practice for students beyond the beginning level. Involves the development of student portfolios and engaging in peer and instructor critiques. Prerequisite(s): FAA 460 or permission of instructor.

**FAA 472. ADVANCED DRAWING (3).** Provides advanced level drawing in studio format with critiques and discussions of student work. Prerequisite(s): FAA 270 or permission of instructor.

**FAA 474E-W DRAWING STUDIO (3).** Provides continued supervised studio drawing practice for students beyond the beginning level. Involves the development of student portfolios and engaging in peer and instructor critiques. Prerequisite(s): FAA 472 or permission of instructor.

**FAA 475E-W. LIFE DRAWING (3).** Studies human figure as drawing subject matter. Anatomy will be discussed with emphasis on composition and examination of historical references. Prerequisite(s): FAA 230 or FAA 270 or permission of instructor.

**FAA 480. ADVANCED PRINTMAKING (3).** Explores issues particular to the current practice of Fine Arts printmaking. Focuses on extending technical proficiency and portfolio development. Prerequisite(s): FAA 290.

**FAA 481E-W. PRINTMAKING STUDIO (3).** Provides continued supervised studio printmaking practice beyond the advanced level. Focuses on extended portfolio development and engagement in the critical process. Prerequisite(s): FAA 480.

**FAA 490E-W. INDEPENDENT STUDY IN ART (1-3).** Explores and pursues areas of interest. Prerequisite(s): Approval of department chair.

**FAA 497. SENIOR ART STUDIO (3).** Seminar style studio course develops the artist practice of art making of various media, critical thinking, writing, and speaking, and explores the evolution of student perspectives of historical precedents and historical tradition in art. Prerequisite(s): One of the following: FAA 420, FAA 443, FAA 450, FAA 460, FAA 472, or FAA 480 **NOTE:** Open to senior art majors and minors and senior art students who have completed two upper division studio course work in one media.

**FAA 498E-W. INTERNSHIP IN ART (3).** Provides practical experience and intellectual guidance in an area of art. Prerequisite(s): Approval of department chair and Academic Internship Program.

**FAA 499. SENIOR THESIS (3).** Presents a public exhibition of the student's work, representative of their studio production. Prerequisite(s): Majors only.

## FINE ARTS: CORE (FAC)

**FAC 200/FAC 200C. ART IN CULTURE (3).** Introduces the visual arts as an expression of human values within a cultural context and develops a visual vocabulary and critical methods for evaluating and responding to art. **NOTE:** FAC 200C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**FAC 205. INTRODUCTION TO LITERACY AND ART (3).** Examines artists' work, vocabulary, and critical methods for evaluating and responding to visual arts. Visits to artists' studios and non-profit art centers are integral as is work with children from the local Latino community. **NOTE:** Non-major's only.

**FAC 211. ART HISTORY: PREHISTORY TO THE PROTO-RENAISSANCE (3).** Investigates major art developments from the pre-history to the proto-renaissance in western and non-western traditions. Discusses major works, figures, and world events as they relate to human artistic expression. Prerequisite(s): Majors, minors, or honors students only or permission of instructor required. Cross listing: FAHS 211. **NOTE:** Permission of Instructor required.

**FAC 212. ART HISTORY SURVEY: RENAISSANCE TO PRESENT (3).** Examines the style, content, and context of works of art from the Renaissance to the present. Prerequisite(s): Majors, minors, or honors students only or permission of instructor required. Cross listing: FAHS 212.

**FAC 225. MUSIC OF THE ROCK ERA (3).** Explores music of the Rock Era (1945 - today), focusing on the 1950's through the 1970's, major trends and developments are investigated while drawing comparisons and relevance to popular musical styles of today.

**FAC 250E-W. WORLD MUSIC (3).** Studies musical practices of diverse cultures including instrumental and vocal styles, dance, drama, and ceremonies.

**FAC 251. UNITED STATES FOLK, POP, AND JAZZ (3).** Surveys various folk, popular and jazz styles cultivated in the United States from the 18th century to the present, with an emphasis on cultural diversity that contributes to 'American' music, manifested in cultural regionalism and cross-cultural developments. Students will identify, aurally recognize, and evaluate various cultural components and trends in vernacular music in the United States.

**FAC 252. EXPLORING MUSIC (3).** Provides basic knowledge and appreciation of music through a survey of music traditions from the Greeks through the present day. Explores circumstances, cultural values, and representative pieces of music from each major period.

**FAC 253E-W. TOPICS IN MUSIC AND ART (3).** Introduction to the interdisciplinary study of music and art in the Western world. Emphasizes the interconnectedness of art and music by stressing their similarities in style, content, and context.

**FAC 254/FAC 254C. AMERICAN MUSICAL THEATER (3).** Offers a survey of the American Musical through general musical concepts while developing a working vocabulary of the elements of music. Examines the historical and social context of musical theater in the United States, from its earliest developments in the

mid-nineteenth century to present day, and explores its major developments and influence in American culture. Concentrates on written assignments and current approaches to music research.

**FAC 255/FAC 255C. MUSIC OF THE TWENTIETH CENTURY (3).** A survey of classical music in the western world in the twentieth century. Covers trends such as modality, atonality, serialism, neoclassicism, experimental music, and electronic and computer music and the social contexts surrounding these movements. **NOTE:** FAC 255C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**FAC 256/FAC 256C. MUSIC IN AMERICAN CULTURE (3).** Introduces music as an expression of the unique culture of the U.S.A. and develops critical methods for evaluating and responding to American music. Topics explored in this course include traditional, folk, religious, and art music of the various ethnic groups that comprise the United States, including Anglo-European, African-American, Latin-American, Asian-American, and American Indian. Examines ways the popular music industry in America has served as an expression of cultural trends and investigates ways American composers have created their own aesthetic within the Western classical art tradition.

**FAC 257. JAZZ IN AMERICAN CULTURE (3).** Surveys jazz styles cultivated in the United States with an emphasis on cultural diversity that contributes to "American" music, manifested in cultural regionalism and cross-cultural development. Students will identify, aurally recognize, and evaluate various cultural components and trends in vernacular music in the United States.

## FINE ARTS: HISTORY (FAHS)

**FAHS 211. ART HISTORY: PREHISTORY TO THE PROTO-RENAISSANCE (3).** Investigates major art developments from the pre-history to the proto-renaissance in western and non-western traditions. Discusses major works, figures, and world events as they relate to human artistic expression. Prerequisite(s): Majors, minors, or honors students only or permission of instructor required. Cross listing: FAC 211.

**FAHS 212. ART HISTORY SURVEY: RENAISSANCE TO PRESENT (3).** Examines the style, content, and context of works of art from the Renaissance to the present. Prerequisite(s): Majors or honors students only or permission of instructor required. Cross listing: FAC 212.

**FAHS 408E-W. THEMES IN ART HISTORY (3).** A revolving seminar examining specialized topics in art history.

**FAHS 410. MODERN ART: NEO-CLASSICISM TO 1945 (3).** Concentrates on issues of modernism in Western art from the late nineteenth century to approximately 1945, looking closely at how we observe, interpret, and write about art in its historical, religious, and political context. An integral part of this class will be to develop a working definition of "modernism". Prerequisite(s): FAHS 211 or FAC 211 or FAC 200 or permission of instructor.

**FAHS 415. CONTEMPORARY ART: 1945 TO THE PRESENT (3).** Examines the shift in the art world from Paris to New York after World War II. Explores men and women artists whose work

pursues a dialogue about the meaning of all media and whose lives are lived against the social, economic, political and cultural background of their times. Prerequisite(s): FAC 200 or FAHS 211 or HU 203.

**FAHS 435. IMAGES OF WOMEN IN ART AND THE POPULAR MEDIA (3).** Examines the visual representation of women in both art and the popular media. Emphasizes the examination of the construction of gender utilizing various theoretical models of analysis. Prerequisite(s): FAC 200 or FAC 211 or FAC 212. Cross listing: WGS 435.

**FAHS 440. AMERICAN ART: COLONIAL TO PRESENT (3).** Examines American art from the pre-colonial era to the present day. Examines the role American art has played in the formation of values such as national identity, class formation, race, gender, and ethnicity. Emphasizing cultural history, considers a variety of media from painting and sculpture to films and theme parks. Prerequisite(s): FAC 200 or FAC 211 or FAC 212.

**FAHS 445. HISTORY OF PHOTOGRAPHY (3).** Explores the history of photography from its invention in the early 19<sup>th</sup> century to its practice as a fine art in the present time. Includes critical and analytical readings as well as examination of photographic images in the fine arts. Prerequisite(s): FAC 200 or FAC 211 or FAC 212 or FAHS 211 or FAHS 212.

**FAHS 450. MEDIEVAL/RENAISSANCE ART (3).** Examines art from the late Roman period to the proto-renaissance. Topics include Early Christian, Byzantine, Medieval, Romanesque, and Gothic art, and architecture. Prerequisite(s): FAC 200, or FAC 211, or FAC 212, or permission of instructor.

**FAHS 453E-W. SPECIAL TOPICS IN MUSIC AND ART (3).** Emphasizes the interconnectedness of art and music by stressing their similarities in style, content, and context. Prerequisite(s): FAC 200 or FAC 211 or FAC 212, Majors and minors only or permission of instructor.

**FAHS 490E-W. INDEPENDENT STUDY IN ART HISTORY (1-3).** Explores and pursues areas of interest. Prerequisite(s): Approval of department chair.

**FAHS 499. SENIOR ART HISTORY THESIS (3).** Provides the final step for a degree in Art History. Students write individual thesis in consultation with the program director. Prerequisite(s): Majors only. Senior standing. Permission of instructor required.

## FINE ARTS: MUSIC (FAM)

**FAM 202E-W. UNIVERSITY CHOIR (0-2).** Students will study, prepare, and sing in performance, choral literature from the Gothic to the present.

**FAM 203. BEGINNING CLASS VOICE (2).** Involves basic vocal technique and music reading for non-music minors or majors with little or no prior vocal experience. Studies very easy classical or popular repertoire.

**FAM 204. INTERMEDIATE CLASS VOICE (2).** Continuation of FAM 203. Intermediate level vocal technique and music reading. Studies very easy classical or popular repertoire. Prerequisite(s): FAM 203 or permission of instructor required.

**FAM 205. BEGINNING CLASS GUITAR (2).** Introduces the guitar and music reading for music minors or majors with little or no prior guitar experience. Studies very easy classical or popular repertoire.

**FAM 206. INTERMEDIATE CLASS GUITAR (2).** Continuation of FAM 205. Focuses on development of music reading. Studies technical patterns and exercises. Easy classical or popular repertoire and improvisation. Prerequisite(s): FAM 205 or permission of instructor.

**FAM 214E-W. APPLIED MUSIC: VIOLIN (1).** Provides individual instruction in violin.

**FAM 216E-W. APPLIED MUSIC: VIOLA (1).** Provides individual instruction in viola.

**FAM 218E-W. APPLIED MUSIC: CELLO (1).** Provides individual instruction in cello.

**FAM 220E-W. APPLIED MUSIC: CHAPEL CHOIR (1).** Introduces students to the rich variety of Catholic liturgical choral music through preparation for and performances at weekly Masses.

**FAM 221E-W. APPLIED MUSIC: FLUTE (1).** Provides individual instruction in flute.

**FAM 223E-W. APPLIED MUSIC: OBOE (1).** Provides individual instruction in oboe.

**FAM 225E-W. APPLIED MUSIC: BASSOON (1).** Provides individual instruction in bassoon.

**FAM 227E-W. APPLIED MUSIC: RECORDER (1).** Provides individual instruction in recorder.

**FAM 230E-W. COLLEGIUM MUSICUM (0-3).** Performing ensemble designed to offer students a chance to explore music from the 13<sup>th</sup> through the early 18<sup>th</sup> centuries. Through the use of early instruments and voice, students will develop an understanding of musical forms, performance practices, and styles in both sacred and secular traditions. A wide variety of topics will be examined including early medieval chant, troubadour songs, sacred motets and mass movements, renaissance dances, and music composed at the European courts. Prerequisite(s): FAM 235 or permission of instructor.

**FAM 235. FOUNDATIONS OF MUSIC (3).** Introduces the fundamental concepts of music. Student acquires understanding of important historical, theoretical and performance issues. Explores basic music elements: sound, the notational system, meter, scales, key, intervals, chords, harmony, and simple forms. Establishes a working vocabulary of musical terms and develops reading, writing, and listening skills essential to music literacy.

**FAM 236. BASIC MUSICIANSHIP (2).** Designed to improve a student's musicianship skills. Focuses on sight singing and dictation of diatonic melodies in major and minor keys (treble and bass clefs); sight reading of rhythms in simple and compound meters; and performance at the keyboard of scales, intervals, and triads.

**FAM 240. BEGINNING CLASS PIANO (2).** Introduces the keyboard and music reading to non-music minors or majors with little or no prior keyboard experience. Studies very easy classical or popular repertoire.

**FAM 241. INTERMEDIATE CLASS PIANO (2).** Members perform selections of their choice, prepare program notes, improve

performance skills, join in critique, and hear new repertoire. Outside concert attendance required. Not a “how to play piano” course but “how to play better!” All levels of ability beyond beginner welcome! Prerequisite(s): FAM 240 or permission of instructor.

**FAM 246E-W. APPLIED MUSIC: VOICE (1-2).** Provides individual instruction in voice. Prerequisite(s): FAM 203 and FAM 204 or permission of instructor. NOTE: Participation in a voice recital required.

**FAM 247E-W. APPLIED MUSIC: PIANO (1-2).** Provides individual instruction in piano. Prerequisite(s): FAM 240 and FAM 241 or permission of instructor. NOTE: Participation in a piano recital required.

**FAM 248E-W. APPLIED MUSIC: GUITAR (1-2).** Provides individual instruction in guitar. Accommodates any level of guitar understanding of chords and chord relationships. Advanced levels explore scales and improvisation.

**FAM 252E-W. APPLIED MUSIC: BANJO (1-2).** Provides individual instruction in banjo.

**FAM 255E-W. APPLIED MUSIC: MANDOLIN (1-2).** Provides individual instruction in mandolin.

**FAM 259E-W. JAZZ ENSEMBLE (0-3).** The Regis Jazz Ensemble explores the American jazz repertoire, covering a variety of styles that developed from the early 20<sup>th</sup> century to today. Ensemble is open to wind, percussion, piano, bass, guitar, and brass instruments.

**FAM 260E-W. BAND (0-3).** Explores quality band literature, covering a variety of styles and time periods. Ensemble is open to woodwind, brass, and percussion instruments.

**FAM 261E-W. APPLIED MUSIC: CLARINET (1-2).** Provides individual instruction in clarinet.

**FAM 265E-W. APPLIED MUSIC: JAZZ PIANO (1-2).** Provides instruction in jazz piano concepts and techniques. Includes melodic improvisation, chord voicing, accompaniment styles in both solo and ensemble settings, and playing by ear.

**FAM 269E-W. CHAMBER ENSEMBLE (0-2).** The Regis Chamber Ensemble explores music from 1750 to today, concentrating on the wealth of symphonic literature for orchestral strings and woodwinds.

**FAM 278E-W. APPLIED MUSIC: BASS (1-2).** Provides individual instruction on double bass and/or electric bass guitar.

**FAM 280E-W. APPLIED MUSIC: SAXOPHONE (1-2).** Provides individual instruction in saxophone.

**FAM 282E-W. APPLIED MUSIC: TRUMPET (1-2).** Provides individual instruction in trumpet.

**FAM 284E-W. APPLIED MUSIC: TROMBONE (1-2).** Provides individual instruction in trombone.

**FAM 286E-W. APPLIED MUSIC: PERCUSSION (1-2)** Provides individual instruction in percussion.

**FAM 288E-W. APPLIED MUSIC: HARP (1-2)** Provides individual instruction in harp.

**FAM 294E-W. APPLIED MUSIC: COMPOSITION (1-2).** Covers techniques of music composition.

**FAM 402E-W. CONCERT CHOIR (0-3).** Advanced choral ensemble work including more complex and challenging literature as well as on- and off-campus performance. NOTE: Audition required.

**FAM 419. PERFORMING CHANGES: THEATRE, CIVIC ENGAGEMENT AND SOCIAL JUSTICE (3).** An interdisciplinary theatre, dialogue, workshop and community project-based course in which performance itself is viewed as a mode of inquiry and a way of making the invisible visible, fostering storytelling, listening, collaboration and transformation. Prerequisite(s): COM 210. COM 380 required for Communications majors and PJ 200 required for Peace and Justice majors. Cross listing: COM 419 and PJ 495W.

**FAM 409A. APPLIED VOICE: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction for voice designed for students with prior vocal training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236 or equivalent. Majors and minors only. Permission of instructor required.

**FAM 409B. APPLIED VOICE: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 409A. Private instruction for voice designed for students with prior vocal training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 409A or approval of program director required.

**FAM 409C. APPLIED VOICE: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 409B. Private instruction for voice designed for students with prior vocal training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency. Culminates in end-of-semester student recital. Prerequisite(s): FAM 409B or approval of program director required.

**FAM 409D. APPLIED VOICE: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 409C. Private instruction for the voice. Offers students with substantial prior vocal training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 409C or approval of program director required.

**FAM 414E-W. APPLIED MUSIC: ADVANCED VIOLIN (1-2).** Provides advanced individual instruction in violin. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 214E-W or permission of instructor.

**FAM 415A. APPLIED VIOLIN: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the violin designed for students with prior string training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.



**FAM 415B. APPLIED VIOLIN: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 415A. Private instruction on the violin designed for students with prior string training. Surveys repertoire from the classical period to the contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 415A or approval of program director.

**FAM 415C. APPLIED VIOLIN: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 415B. Private instruction on the violin designed for students with prior string training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the violin. Culminates in end-of-semester student recital. Prerequisite(s): FAM 415B or approval of program director required.

**FAM 415D. APPLIED VIOLIN: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 415C. Private instruction on the violin. Offers students with substantial prior string training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 415C or approval of program director.

**FAM 416E-W. APPLIED MUSIC: ADVANCED VIOLA (1-2).** Provides advanced individual instruction in viola. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 216E-W or permission of instructor.

**FAM 417A. APPLIED VIOLA: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the viola designed for students with prior string training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 417B. APPLIED VIOLA: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 417A. Private instruction on the viola designed for students with prior string training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of techniques suitable for student's level of proficiency. Prerequisite(s): FAM 417A or approval of program director.

**FAM 417C. APPLIED VIOLA: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 417B. Private instruction on the viola designed for students with prior string training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the viola. Culminates in end-of-semester student recital. Prerequisite(s): FAM 417B or approval of program director.

**FAM 417D. APPLIED VIOLA: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 417C. Private instruction on the viola. Offers students with substantial prior string training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 417C or approval of program director.

**FAM 418E-W. APPLIED MUSIC: ADVANCED CELLO (1-2).** Provides advanced individual instruction in cello. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 218E-W or permission of instructor.

**FAM 419A. APPLIED CELLO: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the cello designed for students with prior string training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of performance. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 419B. APPLIED CELLO: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 419A. Private instruction on the cello designed for students with prior string training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 419A or approval of program director.

**FAM 419C. APPLIED CELLO: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 419B. Private instruction on the cello designed for students with prior string training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the cello. Culminates in end-of-semester student recital. Prerequisite(s): FAM 419B or approval of program director.

**FAM 419D. APPLIED CELLO: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 419C. Private instruction on the cello. Offers students with substantial prior string training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 419C or approval of program director.

**FAM 421E-W. APPLIED MUSIC: ADVANCED FLUTE (1-2).** Provides advanced individual instruction in flute. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 221E-W or permission of instructor.

**FAM 422A. APPLIED FLUTE: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the flute designed for students with prior woodwind training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 422B. APPLIED FLUTE: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 422A. Private instruction on the flute designed for students with prior woodwind training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 422A or approval of program director required.

**FAM 422C. APPLIED FLUTE: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 422B. Private instruction on the flute designed for students with prior woodwind training. Focuses on two pieces from different style

periods that demonstrates an upper intermediate to advanced technical proficiency on the flute. Culminates in end-of-semester student recital. Prerequisite(s): FAM 422B or approval of program director required.

**FAM 422D. APPLIED FLUTE: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 422C. Private instruction on the flute. Offers students with substantial prior woodwind training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 422C or approval of program director.

**FAM 423E-W. APPLIED MUSIC: ADVANCED OBOE (1-2).** Provides advanced individual instruction in oboe. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 223E-W or permission of instructor.

**FAM 424A. APPLIED OBOE: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the oboe designed for students with prior woodwind training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 424B. APPLIED OBOE: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 424A. Private instruction on the oboe designed for students with prior woodwind training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 424A or approval of program director.

**FAM 424C. APPLIED OBOE: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 424B. Private instruction on the oboe designed for students with prior woodwind training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the oboe. Culminates in end-of-semester student recital. Prerequisite(s): FAM 424B or approval of program director.

**FAM 424D. APPLIED OBOE: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 424C. Private instruction on the oboe. Offers students with substantial prior woodwind training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 424C or approval of program director.

**FAM 425E-W. APPLIED MUSIC: ADVANCED BASSOON (1-2).** Provides advanced individual instruction in bassoon. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 225E-W or permission of instructor.

**FAM 426A. APPLIED BASSOON: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the bassoon designed for students with prior woodwind training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 426B. APPLIED BASSOON: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 426A. Private instruction on the bassoon designed for students with prior woodwind training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 426A or approval of program director.

**FAM 426C. APPLIED BASSOON: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 426B. Private instruction on the bassoon designed for student with prior woodwind training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the bassoon. Culminates in end-of-semester student recital. Prerequisite(s): FAM 426B or approval of program director.

**FAM 426D. APPLIED BASSOON: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 426C. Private instruction on the bassoon. Offers students with substantial prior woodwind training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 426C or approval of program director.

**FAM 427E-W. APPLIED MUSIC: ADVANCED RECORDER (1-2).** Provides advanced individual instruction in recorder. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 227E-W or permission of instructor.

**FAM 428A. APPLIED RECORDER: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the recorder designed for students with prior woodwind training and knowledge of basic music theory. Surveys repertoire from the medieval period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 428B. APPLIED RECORDER: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 428A. Private instruction on the recorder designed for students with prior woodwind training. Surveys repertoire from the medieval period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 428A or approval of program director.

**FAM 428C. APPLIED RECORDER: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 428B. Private instruction on the recorder designed for students with prior woodwind training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the recorder. Culminates in end-of-semester student recital. Prerequisite(s): FAM 428B or approval of program director.

**FAM 428D. APPLIED RECORDER: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 428C. Private instruction on the recorder. Offers students with substantial prior woodwind training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 428C or approval of program director.

**FAM 430E-W. CONCERT COLLEGIUM MUSICUM (0-3).** Explores an array of literature from Gregorian Chant through the works of J.S. Bach. Advanced participants perform on- and off-campus. Prerequisite(s): FAM 230 and permission of instructor. NOTE: Audition required.

**FAM 442E-W. PIANO ENSEMBLE (2).** The Piano Ensemble is designed for intermediate to advanced pianists. Offers an ensemble opportunity for piano performance. May include piano duets and/or trios, quartets, quintets, with strings or winds. Prerequisite(s): FAM 247E-W or FAM 467E-W and permission of instructor.

**FAM 443A. APPLIED PIANO: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the piano designed for students with prior keyboard training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 443B. APPLIED PIANO: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 443A. Private instruction on the piano designed for students with prior keyboard training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 443A or approval of program director required.

**FAM 443C. APPLIED PIANO: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 443B. Private instruction on the piano designed for students with prior keyboard training. Focuses on two pieces from different style periods that demonstrate an upper intermediate to advanced technical proficiency on the keyboard. Culminates in end-of-semester student recital. Prerequisite(s): FAM 443B or approval of program director required.

**FAM 443D. APPLIED PIANO: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 443C. Private instruction on the piano. Offers students with substantial prior keyboard training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 443C or approval of program director.

**FAM 448E-W. GUITAR ENSEMBLE (0-2).** Emphasizes styles of music, dynamics, rhythm, and harmonic structure in an acoustic ensemble. Prerequisite(s): FAM 248E or permission of instructor.

**FAM 449A. APPLIED GUITAR: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the guitar designed for students with prior fretboard training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 449B. APPLIED GUITAR: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 449A. Private instruction on the guitar designed for students with prior fretboard training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique

suitable for student's level of proficiency. Prerequisite(s): FAM 449A or approval of program director.

**FAM 449C. APPLIED GUITAR: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 449B. Private instruction on the guitar designed for students with prior fretboard training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the guitar. Culminates in end-of-semester student recital. Prerequisite(s): FAM 449B or approval of program director.

**FAM 449D. APPLIED GUITAR: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 449C. Private instruction on the guitar. Offers students with substantial prior fretboard training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 449C or approval of program director.

**FAM 452E-W. APPLIED MUSIC: ADVANCED BANJO (1-2).** Provides advanced individual instruction on the banjo. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 252E-W or permission of instructor.

**FAM 453A. APPLIED BANJO: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the banjo designed for students with prior fretboard training and knowledge of basic music theory. Surveys repertoire from the 18<sup>th</sup> century to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 453B. APPLIED BANJO: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 453A. Private instruction on the banjo designed for students with prior fretboard training. Surveys repertoire from the 18<sup>th</sup> century to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 453A or approval of program director.

**FAM 453C. APPLIED BANJO: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 453B. Private instruction on the banjo designed for students with prior fretboard training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the banjo. Culminates in end-of-semester student recital. Prerequisite(s): FAM 453B or approval of program director.

**FAM 453D. APPLIED BANJO: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 453C. Private instruction on the banjo. Offers students with substantial prior fretboard training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 453C or approval of program director.

**FAM 455E-W. APPLIED MUSIC: ADVANCED MANDOLIN (1-2).** Provides advanced individual instruction on the mandolin.

**FAM 456A. APPLIED MANDOLIN: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the mandolin designed for students with prior fret board training and

knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for students' level of proficiency.

**FAM 456B. APPLIED MANDOLIN: TECHNIQUES AND PERFORMANCE II (1-2).** Private instruction on the mandolin designed for students with prior fret board training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for students' level of proficiency.

**FAM 456C. APPLIED MANDOLIN: TECHNIQUES AND PERFORMANCE III (1-2).** Private instruction on the mandolin designed for students with prior fret board training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for students' level of proficiency.

**FAM 456D. APPLIED MANDOLIN: TECHNIQUES AND PERFORMANCE IV (1-2).** Private instruction on the mandolin designed for students with prior fret board training and knowledge of basic music theory. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for students' level of proficiency.

**FAM 459E-W. CONCERT JAZZ ENSEMBLE (0-3).** The Regis Concert Jazz Ensemble continues to explore material covered in FAM 259 with a focus on performance practice, especially improvisation and arrangement. The ensemble is open to wind, percussion, piano, bass, guitar, and brass instruments. Prerequisite(s): FAM 259E-W and permission of instructor.

**FAM 460E-W. CONCERT BAND (0-3).** Explores quality band literature, covering a variety of styles and time periods. Ensemble is open to woodwind, brass, and percussion instruments. Prerequisite(s): FAM 260.

**FAM 461E-W. APPLIED MUSIC: ADVANCED CLARINET (1-2).** Provides advanced individual instruction in clarinet. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 261E-W and permission of instructor.

**FAM 462A. APPLIED CLARINET: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the clarinet designed for students with prior woodwind training and knowledge of basic music theory. Surveys repertoire from the classical period to the contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 462B. APPLIED CLARINET: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 462A. Private instruction on the clarinet designed for students with prior woodwind training. Surveys repertoire from the classical period to contemporary styles. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 462A or approval of program director required.

**FAM 462C. APPLIED CLARINET: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 462B. Private instruction on the clarinet designed for students with prior woodwind training. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the clarinet. Culminates in end-of-

semester student recital. Prerequisite(s): FAM 462B or approval of program director required.

**FAM 462D. APPLIED CLARINET: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 462C. Private instruction on the clarinet. Offers students with substantial prior woodwind training a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 462C or approval of program director required.

**FAM 465E-W. APPLIED MUSIC: ADVANCED JAZZ PIANO (1-2).** Provides advanced instruction in jazz piano concepts and techniques. Includes advanced topics in melodic improvisation, chord voicing, and reharmonization. Prerequisite(s): FAM 265E or permission of instructor.

**FAM 466E-W. APPLIED MUSIC: ADVANCED VOICE (1-2).** Advanced vocal instruction, including more complex and challenging literature as well as exploring opportunities for on- and off-campus performance. Prerequisite(s): FAM 246E-W and permission of instructor. NOTE: Audition required.

**FAM 467E-W. APPLIED MUSIC: ADVANCED PIANO (1-2).** Advanced piano instruction, including more complex and challenging literature as well as exploring opportunities for on- and off-campus performance. Prerequisite(s): FAM 247E-W and permission of instructor. NOTE: Audition required.

**FAM 468E-W. APPLIED MUSIC: ADVANCED GUITAR (1-2).** Advanced instruction, including more complex and challenging literature as well as exploring opportunities for on- and off-campus performance. Prerequisite(s): FAM 248E-W and permission of instructor. NOTE: Audition required.

**FAM 469E-W. CONCERT CHAMBER ENSEMBLE (0-2).** The Regis Concert Chamber Ensemble explores symphonic literature from 1750 with an emphasis on material that demands a higher level of performance technique and mastery than Chamber Ensemble, FAM 269 (such as concertos and solo repertoire). Prerequisite(s): FAM 269E-W and permission of instructor.

**FAM 478E-W. APPLIED MUSIC: ADVANCED BASS (1-2).** Provides advanced individual instruction in double bass and/or electric bass guitar. Offers opportunities for on- and off-campus performance. Additional Prerequisite(s): Permission of Instructor required. Prerequisite(s): FAM 278E.

**FAM 480E-W. APPLIED MUSIC: ADVANCED SAXOPHONE (1-2).** Provides advanced individual instruction on the saxophone. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 280E-W and permission of instructor.

**FAM 481A. APPLIED SAXOPHONE: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the saxophone designed for students with prior saxophone training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 481B. APPLIED SAXOPHONE: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 481A. Private instruction on the saxophone designed for students with prior saxophone training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of

proficiency. Prerequisite(s): FAM 481A or approval of program director.

**FAM 481C. APPLIED SAXOPHONE: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 481B. Private instruction on the saxophone designed for students with prior saxophone training and knowledge of basic music theory. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the saxophone. Culminates in end-of-semester student recital. Prerequisite(s): FAM 481B or approval of program director.

**FAM 481D. APPLIED SAXOPHONE: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 481C. Private instruction on the saxophone. Offers students with substantial prior saxophone knowledge a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 481C or approval of program director.

**FAM 482E-W. APPLIED MUSIC: ADVANCED TRUMPET (1-2).** Provides advanced individual instruction on the trumpet. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 282E-W and permission of instructor.

**FAM 483A. APPLIED TRUMPET: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the trumpet designed for students with prior trumpet training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 483B. APPLIED TRUMPET: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 483A. Private instruction on the trumpet designed for students with prior trumpet training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 483A or approval of program director.

**FAM 483C. APPLIED TRUMPET: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 483B. Private instruction on the trumpet designed for students with prior trumpet training and knowledge of basic music theory. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the trumpet. Culminates in end-of-semester student recital. Prerequisite(s): FAM 483B or approval of program director.

**FAM 483D. APPLIED TRUMPET: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 483C. Private instruction on the trumpet. Offers students with substantial prior trumpet knowledge a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 483C or approval of program director.

**FAM 484E-W. APPLIED MUSIC: ADVANCED TROMBONE (1-2).** Provides advanced individual instruction on the trombone. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 284E-W and permission of instructor.

**FAM 485A. APPLIED TROMBONE: TECHNIQUES AND PERFORMANCE I (1-2).** Private instruction on the trombone

designed for students with prior trombone training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAM 485B. APPLIED TROMBONE: TECHNIQUES AND PERFORMANCE II (1-2).** Continuation of FAM 485A. Private instruction on the trombone designed for students with prior trombone training and knowledge of basic music theory. Focuses on development of technique suitable for student's level of proficiency. Prerequisite(s): FAM 485A or approval of program director.

**FAM 485C. APPLIED TROMBONE: TECHNIQUES AND PERFORMANCE III (1-2).** Continuation of FAM 485B. Private instruction on the trombone designed for students with prior trombone training and knowledge of basic music theory. Focuses on two pieces from different style periods that demonstrates an upper intermediate to advanced technical proficiency on the trombone. Culminates in end-of-semester student recital. Prerequisite(s): FAM 485B or approval of program director.

**FAM 485D. APPLIED TROMBONE: TECHNIQUES AND PERFORMANCE IV (1-2).** Continuation of FAM 485C. Private instruction on the trombone. Offers students with substantial prior trombone knowledge a chance to continue private studies. Continues to develop material suitable for performance. May include a student recital. Prerequisite(s): FAM 485C or approval of program director.

**FAM 486E-W. APPLIED MUSIC: ADVANCED PERCUSSION (1-2).** Provides advanced individual instruction in percussion. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 286E or permission of instructor.

**FAM 488E-W. APPLIED MUSIC: ADVANCED HARP (1-2).** Provides advanced individual instruction in harp. Offers opportunities for on- and off-campus performance. Prerequisite(s): FAM 288E-W or permission of instructor.

**FAM 490E-W. INDEPENDENT STUDY IN MUSIC (1-3).** Explores area of special interest. Prerequisite(s): Approval of department chair.

**FAM 494E-W. APPLIED MUSIC: ADVANCED COMPOSITION (1-2).** Advanced private music composition lessons. Prerequisite(s): FAM 294.

**FAM 498E-W. INTERNSHIP IN MUSIC (3).** Provides practical experience and intellectual guidance in an area of music. Prerequisite(s): Approval of department chair and director of Academic Internship Program.

**FAM 499. SENIOR THESIS: MUSIC IN THE ARTS (3).** Offers sequence of practical activities covering topics such as ensemble direction, development of repertoire, designing outreach programs, grant writing, implementation of curriculum and arts management. Prerequisite(s): Majors only. Senior standing.

## FINE ARTS: MUSIC HISTORY (FAMH)

**FAMH 450E-W. WORLD MUSIC LITERATURE (3).** Studies musical practices of diverse cultures, including instrumental and

vocal styles, dance, drama, and ceremonies, with an emphasis on research. Prerequisite(s): FAM 235 and FAM 236 or permission of instructor.

**FAMH 451. HISTORY OF U.S. FOLK, POP, AND JAZZ (3).** Surveys various folk, popular, and jazz styles cultivated in the United States from the 18th century to the present. Research project will explore a topic in American Music. Prerequisite(s): FAM 235 and FAM 236 or permission of instructor.

**FAMH 452. EUROPEAN MUSIC LITERATURE (3).** Examines Western European art music traditions, through a historical survey of the style, structure, and function of music. Students discover the rich variety of Western European art music while developing a working vocabulary and understanding of musical terms. Improves listening skills and advances the ability of students to articulate relevant observations about music through independent, objective, and critical musical thought. Prerequisite(s): FAM 235 and FAM 236 or permission of instructor.

**FAMH 453E-W. TOPICS IN MUSIC AND ART (3).** Emphasizes the interconnectedness of art and music by stressing their similarities in style, content, and context. Prerequisite(s): FAM 235 and FAM 236. Majors and minors only. Permission of instructor required.

**FAMH 454. HISTORY AND PERFORMANCE OF AMERICAN MUSICAL THEATER (3).** Provides a comprehensive approach to learning by providing students with a historical and cultural background to the major developments of Musical Theatre and by developing performance skills through participation in class performances and a cabaret-style concert at the end of the semester (presented by the Department of Fine and Performing Arts). Prerequisite(s): FAM 235 and FAM 236 or permission of instructor required.

**FAMH 455E-W. TOPICS IN MUSIC HISTORY (3).** Provides an in-depth examination of musical styles and genres, as well as the cultural and historical content in which music was created in each area of study. Emphasizes writing, research, and musical analysis that draws on each student's earlier experiences and training in music theory and history. Prerequisite(s): FAMH 452.

**FAMH 457. WOMEN IN MUSIC (3).** Using the lenses of gender studies and feminist criticism, this course will examine the historically marginalized roles of women in Western music as composers and performers. NOTE: Junior standing or completion of Distributive Core required.

## FINE ARTS: MUSIC RECITAL (FAMR)

**FAMR 200A/B. FRESHMAN RECITAL HOUR A/B (0).** Required for all music majors and minors each semester. Promotes a culture of concert attendance for student and faculty recitals and guest artists. Tracks student attendance for on- and off-campus music events. Prerequisite(s): Majors and minors only. Pass/No Pass grading only.

**FAMR 300A/B. SOPHOMORE RECITAL HOUR A/B (0).** Required for all music majors and minors each semester. Promotes a culture of concert attendance for student and faculty recitals and guest artists. Tracks student attendance for on- and off-campus

music events. Prerequisite(s): Majors and minors only. Pass/No Pass grading only.

**FAMR 400A/B. JUNIOR RECITAL HOUR A/B (0).** Required for all music majors and minors each semester. Promotes a culture of concert attendance for student and faculty recitals and guest artists. Tracks student attendance for on- and off-campus music events. Prerequisite(s): Majors and minors only. Pass/No Pass grading only.

**FAMR 402. MUSIC MINOR RECITAL (0).** All music minors perform at least a 20-minute recital that demonstrates ability to perform in several style periods. Music minor recitals are typically given in conjunction with the third semester of techniques and performance. NOTE: Presentation of music minor recital requires successful "hearing" at least one month before recital date. Pass/No Pass grading only.

**FAMR 403. JUNIOR RECITAL (0).** All music majors with an emphasis in performance are required to perform at least a 30-minute recital that demonstrates the student's ability to perform in three style periods. The Junior Recital is typically given in the junior year in conjunction with the second semester of Techniques and Performance. Prerequisite(s): Majors only. Junior standing. Pass/No Pass grading only.

**FAMR 404. SENIOR RECITAL (0).** All music majors with an emphasis in performance are required to perform a Senior Recital in their senior year; at least 60 minutes of music that demonstrates a wide variety of musical styles and ability to memorize a portion or all of the music is expected. The Senior Recital is typically given in conjunction with the fourth semester of Techniques and Performance. Prerequisite(s): Majors only. Senior standing. Pass/No Pass grading only.

**FAMR 450A/B. SENIOR RECITAL HOUR A/B (0).** Required for all music majors and minors each semester. Promotes a culture of concert attendance for student and faculty recitals and guest artists. Tracks student attendance for on- and off-campus music events. Prerequisite(s): Majors and minors only. Pass/No Pass grading only.

## FINE ARTS: MUSIC THEORY (FAMT)

**FAMT 200. MUSIC THEORY I (3).** Students gain fluency in four-part writing and voice leading principles in four-voice textures using root position and inverted triads and seventh chords; analysis of music literature; the identification and use of non-chord tones; the identification of various forms in music; and other in-depth theoretical concepts. Prerequisite(s): FAM 235 or permission of instructor.

**FAMT 201. AURAL SKILLS I (2).** Students gain fluency in sight singing and dictation of diatonic melodies; sight reading rhythms using subdivision and syncopation in simple and compound meters; and performance at the keyboard of various diatonic chord progressions. Prerequisite(s): FAM 236 or permission of instructor.

**FAMT 300. MUSIC THEORY II (3).** A continuation of concepts and materials learned in Music Theory I. Emphasizes chromatic harmony, various types of modulation, more complex forms, and extended tonality. Prerequisite(s): FAMT. FAMT 201 or permission of instructor

**FAMT 301. AURAL SKILLS II (3).** A continuation of materials learned in Aural Skills I. Students gain fluency in sight singing and dictation of chromatic melodies, sight reading rhythms with changing and unequal meters, and performance at the keyboard of more complex chord progressions. Prerequisite(s): FAMT 201 or permission of instructor.

**FAMT 350. MUSIC THEORY III (3).** A continuation of Music Theory II. Study of the structures and systems used in music throughout the twentieth century, including modality, serialism, neoclassicism, and electronic and computer music. Includes composition and a hands-on music technology component. Prerequisite(s): FAMT 300 or permission of instructor

**FAMT 400. ORCHESTRATION, ARRANGING, AND CONDUCTING (3).** Study of instruments in band and orchestra regarding range, color, quality, and technical restriction as applied to scoring for solo and ensemble performance. Fundamental study of conducting, score reading, and arranging skills applicable to instrumental and choral ensembles. Prerequisite(s): FAMT 200 or permission of instructor

**FAMT 401. LOGIC AND PROOF (3).** Studies 16th century and 18th century counterpoints. Evaluation materials include both analysis and composition. Prerequisite(s): FAMT 200 or permission of instructor.

**FAMT 430. HEARING THE WORLD: MUSIC AND AUDIO TECHNOLOGY IN CONTEMPORARY SOCIETY (3).** Engage creatively and critically with the society around us in artistic and socially aware ways through creation of original audio projects such as studio and live recordings, electronic compositions, radio plays, oral histories, audio postcards, etc. Techniques to be covered include the use of microphones, recording equipment, and audio sequencing/editing software. Cross listing: COM 430. NOTE: Junior standing required.

## GEOLOGY (GE)

**GE 204E-W. TOPICS IN GEOLOGY (3).** Develops course content around a central geological theme on selected topics chosen by the instructor. Co-requisite: GE 205E-W. NOTE: This course has been approved to satisfy the core natural science with laboratory requirement when taken with GE 205E-W.

**GE 205E-W. TOPICS IN GEOLOGY LABORATORY (1).** Involves laboratory exercises accompanying and reinforcing lecture topics. Co-requisite: GE 204E-W.

**GE 208. INTRODUCTION TO GEOLOGY (3).** Introduces students to natural science through study of the Earth. Develops student knowledge of geology; notably Earth materials, Earth history, topography, tectonics, fossil fuels, groundwater, and soils. Highlights social and ethical issues. NOTE: Designed primarily for Environmental Studies students and students fulfilling the natural science core requirement. This course has been approved to satisfy the core natural science with laboratory requirement when taken with GE 209. Co-requisite: GE 209.

**GE 209. INTRODUCTION TO GEOLOGY LABORATORY (1).** Introduces students to scientific inquiry through participation in field and laboratory activities. Involves exercises reinforcing lecture content. Co-requisite: GE 208.

**GE 481E-W. SPECIAL TOPICS IN GEOLOGY (1-4).** Explores selected topics in the field of Earth science. Course format varies according to topic selected. Prerequisite(s): Completion of the natural science core requirement. NOTE: Certain topics may include a laboratory.

## HISTORY (HS)

**HS 200. SUSTAINABILITY AND COLLAPSE IN WORLD HISTORY (3).** Takes an evidence-based, case study, theoretical and integrative approach to the challenge of sustainability across world history. Draws on disciplines of history, politics, and international studies. Cross listing: POL 200.

**HS 201. ORIGINS AND CHALLENGES OF THE MODERN WORLD (3).** Takes an evidence based, case study, theoretical, and integrative approach to underlying origins and present challenges of the modern world. Draws on disciplines of history, politics, and international studies. Cross-listing(s): POL 201.

**HS 204. WORLD HISTORY AND SUSTAINABLE DEVELOPMENT SINCE 1400 (3).** An introduction that focuses on the environmental foundations of the growth of the world economy from the 15th century to the present, as well as past and current societal responses to environmental challenges.

**HS 213. SURVEY OF WESTERN CIVILIZATION TO 1600 (3).** Studies the evolution of western civilization from the beginnings of civilization through the period of the Reformation. Emphasizes concepts and institutions that have played major roles in the evolution of western civilization. Includes major themes on the formation of the great religions, which have influenced the West, Classical culture, the Middle Ages, the Renaissance, and the Reformation.

**HS 214. SURVEY OF WESTERN CIVILIZATION SINCE 1600 (3).** Traces the evolution of modern western civilization, and those events and institutions that have had a decisive influence on modern Western culture. Includes major themes on absolutism, the Enlightenment, the French Revolution, the great wars of the 20th century and the ideologies of the modern world.

**HS 223. HISTORY OF THE UNITED STATES TO 1877 (3).** Surveys the development of United States civilization from the era of discovery, exploration, and settlement to the end of the Reconstruction.

**HS 224/224C. HISTORY OF THE UNITED STATES SINCE 1865 (3).** Studies the evolution of modern industrial United States from the end of the Civil War to the present. HS 224C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**HS 226. HISTORY OF THE AMERICAN WEST (3).** Surveys the major political, social, environmental and cultural changes of the trans-Mississippi American West, from pre-Columbian times to the late 20th Century.

**HS 232. WORLD HISTORY SINCE 1500 (3).** An introduction that focuses on how millennia-old, multi-cultural, land-based empires became colonies of newly created national trans-oceanic empires based in Northwest Europe.

HS 238. THE MIDDLE EAST TO 1800. (3). Examines the political, economic, religious and social history of the Middle East from the rise of Islam through the fall of the Islamic empires: the Ottomans, Safavids, and Mughals.

HS 239. THE MIDDLE EAST SINCE 1800. (3). Examines the political, economic, religious and social history of the Modern Middle East with a special emphasis on the Arab-Israeli conflict.

HS 242C. THE ISRAEL-PALESTINE CONFLICT (3). Seeks to understand the multiple facets of the Israel-Palestine conflict which is one of the most complicated and controversial conflicts affecting the Middle East and the world today. NOTE: Communication-intensive course. Enrollment is limited to student who took RCC 200 in the Fall.

HS 250. AFRICA TO 1800 (3). Examines the power, complexity and sophistication of pre-colonial African kingdoms and empires while investigating Africans' roles in making the modern world. Topics include globalization, innovation, slavery and the growth of racial thought.

HS 251. AFRICA SINCE 1800 (3). Examines the political, economic, religious and social history of Modern Africa with emphases on complexity, diversity, global interactions and African voices. Topics include pre-colonial states, imperialism, decolonization, and post-colonial challenges and prospects.

HS 253. PREMODERN EAST ASIA (3). Surveys the history of East Asia (China, Japan, and Korea) from earliest times to the arrival of Western imperialism.

HS 254/254C. MODERN EAST ASIA (3). Provides an overview of East Asia (China, Japan, and Korea) during modern times, emphasizing cultural developments, modern institutions, increased trade, industrialization, imperialistic intrusions, destructive warfare, and burgeoning population. HS 254C enrollment is limited to students who completed linked RCC course in the fall.

HS 255. DEMOCRACY AND DEVELOPMENT IN TAIWAN: HISTORY AND POLITICS IN A GLOBAL POWERHOUSE (3). Explores the forces that have shaped contemporary Taiwan through an interdisciplinary approach that places Taiwan's development in historical perspective as part of larger developments in East Asia and the world. Cross-listing: POL 255.

HS 260. SURVEY OF LATIN AMERICA TO 1826 (3). Draws on primary and secondary materials to survey and interpret cultural, political, and historical developments up to the colonial period of the early 19th century.

HS 261. SURVEY OF LATIN AMERICA SINCE 1826 (3). Draws on primary and secondary materials to survey and interpret cultural, political, and historical developments from the colonial period and revolutionary movements, to 20th Century strong states and Dirty Wars, and the effect of North American and globalist forces.

HS 403. WORLD HISTORY TO 1600: AN ECOLOGICAL PERSPECTIVE (3). Focuses on the ecological, cultural and civilizational regions of the world and their interactions from pre-history to 1600. Employs case studies and historical methodology. Cross listing(s): ENVS 433.

HS 406. HISTORY OF THE AMERICAN SOUTHWEST (3). Provides an overview of the regions social, cultural, and political

history. Explores Southwestern history from the eve of the Spanish explorations through the Spanish and Mexican periods, and through the American occupation of the region-1848 to the present. Prerequisite(s): Junior or Senior standing.

HS 407. HISTORY AND PRACTICES OF COMMUNAL ENVIRONMENTALISM (3). Participants track change in several communities' environmental and cultural histories. Readings, discussions, projects, speakers, and fieldwork with children and youth integrate traditional and contemporary practices contributing to current and future environmental and cultural well-being. NOTE: Junior Standing. Four hours of fieldwork outside class required. Optional weekend field trip to southern Colorado. Cross listing: ENVS 407 and PJ 437E.

HS 410. THE RENAISSANCE IN EUROPE (3). This interdisciplinary course examines significant political, military, social, religious, and cultural developments in Europe during the Renaissance, from the Black Death of the 14th century through the end of the Wars of Religion in 1650. Prerequisite(s): Junior or Senior standing.

HS 411. FOUR FIGURES OF THE RENAISSANCE (3). A problem-based and integrative approach to the European Renaissance, asking why and how four achievements came into being in particular times and places, drawing on Raphael, Machiavelli, Shakespeare, and Descartes.

HS 412. IMMIGRATION IN AMERICAN HISTORY (3). Examines the history of immigration into the United States from the early 19th century to the present. Explores federal policies, public debates surrounding the issue of immigration, and the social, economic, political consequences of immigration and the historical experiences of immigrants. Cross listing: PJ 412.

HS 415. READINGS IN NATIVE AMERICAN HISTORY (3). Surveys a variety of texts as they examine some of the major themes and experiences that have defined and shaped the history of Native American peoples, from Pre-Columbian times to the present.

HS 416. LABOR IN THE AMERICAS (3). Examines the history of labor and the working class in the United States with particular attention to the transnational nature of labor and laborers across national borders. Cross listing: PJ 476.

HS 423. AMERICAN COLONIAL HISTORY (3). Explores the history of the social, cultural, and political developments in the European North American colonies from the first contact between indigenous and colonizing cultures to the eve of the American Revolution.

HS 425. THE CIVIL WAR AND GILDED AGE AMERICA (3). Examines 19th century America, focusing on the roots of the American Civil War and the dazzling changes of the Gilded Age (1789-1900).

HS 426. AMERICA DURING THE JAZZ AGE (3). Examines the social, cultural, political, and economic changes of the first three decades of 20th century America – focusing on progressive reform, World War I and the "Roaring 20s".

HS 427. THE UNITED STATES AND THE WORLD WARS (3). Examines the history of the United State in the World Wars of the 20th century, focusing on the political, economic, and social changes between 1914 and 1945.



HS 428. UNITED STATES HISTORY, 1945 TO THE PRESENT (3). Studies recent events and trends in the United States since the end of World War II.

HS 429. UNITED STATES IN THE 1960'S AND 70'S (3). Studies the United States from the election of John F. Kennedy to the Reagan Revolution, examining politics, culture and society.

HS 430. HISTORY OF COLORADO (3). Surveys Indian, Spanish, French, and United States influences; the impact of traders, trappers, miners, cattlemen and farmers; the creation and organization of the Territory; the movement for statehood and the problems of a rapidly growing commonwealth.

HS 432. MODERN MEXICO (3). Introduction to Mexican history from the late nineteenth century to the present. Course themes include Mexico's political, economic, social and cultural development, as well as its relationship to the United States. NOTE: Sophomore standing required.

HS 433. HISTORY OF THE CARIBBEAN AND THE ATLANTIC WORLD (3). Examines the various social, cultural, economic, and political contacts and interactions that shaped the culture of the Atlantic World, focusing on Africans, Native Americans, and Europeans.

HS 435. HISTORY OF MEXICAN AMERICANS (3). Explores the history of the Mexican community in the United States, tracing that history from the initial encounters between Europeans and indigenous peoples, through the US acquisition of the Southwest, to the present day.

HS 437. THE WEST IN UNITED STATES HISTORY (3). Includes an inquiry into the influence of the West on United States history, the settlement of the western regions, problems of frontier transportation and finance, and the organization of new government entities.

HS 438. HISTORY AND CULTURES OF PERU (3). Examines the various social, cultural, economic, and political encounters that have shaped the cultures and history of Peru, focusing on interactions of indigenous groups, Europeans, Africans, and Asians.

HS 441. THE CULTURE AND POLITICS OF PUBLIC MEMORY (3). Examines the constructed nature of our national memories by posing questions regarding the authenticity of memorial representations, the ownership of public histories, and the rhetorical functions memory texts serve for society. Prerequisite(s): COM 380. Cross-listing: COM 456.

HS 442. ORAL HISTORY; THEORY AND METHODS (3). Examines the theory and methods of collecting and using individual narratives to create synthesized historical accounts. Students learn the scholarly skills necessary to implement best practices in oral history documentation and production. Prerequisite(s): Sophomore standing.

HS 446. HISTORY OF ISLAM (3). Focuses on the context and content of foundational texts, the emergence of sectarianism, conversion, reform movements, and political Islam as responses to social justice issues.

HS 451. PREMODERN JAPAN (3). Surveys Japanese historical development to the 17<sup>th</sup> century, focusing on change in social, economic, political, and cultural structures and experiences that created "traditional" Japan.

HS 452. MODERN JAPAN (3). Explores the transformation of Japan from a semi-feudal system to its rise as a world economic power, focusing on the trajectory of its conflict and cooperation with the West in the 19<sup>th</sup> and 20<sup>th</sup> centuries.

HS 453. PREMODERN CHINA (3). Examines the foundational social, cultural, political, and economic forces that shaped the formation and transformation of China as a civilization and empire and the role played by non-Chinese in the creation of China.

HS 454. MODERN CHINA (3). Investigates the long-term divergence of state and society beginning in the imperial period which shaped the development of late imperial and modern Chinese society, culture, and politics, particularly during the age of Western imperialism.

HS 455. STORIES FROM WARTIME (3). Encourages students to critically examine modern conflict and explore the variety of ways those affected by conflict have sought to find meaning in their experience. NOTE: Junior standing or permission of instructor. Cross-listing: PJ 451P.

HS 457. THE PACIFIC WAR: THE ROAD TO PEARL HARBOR AND NAGASAKI (3). Sorts out and evaluates the many interpretations of the war. Relying on books and/or films, traces the struggle between Japan and the United States, emphasizing Japan. Examines imperialistic military adventurism versus liberal democracy. Studies Japanese and American goals and diplomacy over issues in the western Pacific, the domestic implications for Japan and the impact of the war on Japanese society. Prerequisite(s): Junior or Senior standing or permission of instructor.

HS 458. THE HISTORY OF CHINESE FOOD (3). Explores the role that Chinese cuisine has played in the development of society, culture, and identity in the United States over the past 150 years among Asian-American (especially Chinese-American) and European-American communities. NOTE: Sophomore standing required.

HS 464. 19<sup>TH</sup> CENTURY EUROPE, 1789-1914 (3). Studies the great age of European dynamism emphasizing political and economic events. Includes the French Revolution, industrialization, the rise of the working class, Marxism, unification of Italy and Germany, nationalism, the New Imperialism and the origins of World War I. Prerequisite(s): Junior standing.

HS 465. EUROPE FROM 1914 TO 1945 (3). Studies the transformation of Europe from World War I emphasizing military, economic, political, and ideological developments. Includes World War I, Versailles, the rise of totalitarianism, World War II, the collapse of the European empires and the loss of European preeminence.

HS 468. HISTORY OF GERMANY (3). Studies the course of German history from 1815 to 1945. Emphasizes the age of revolution, the evolution of German nationalism, the unification movement, Bismarck and Imperial Germany, the First World War and Versailles, the Weimar Republic, Hitler and the Third Reich and Germany's involvement in World War II. Also emphasizes the origins of the Third Reich.

HS 468E-W. TOPICS IN EUROPEAN HISTORY (3). Provides an in-depth analysis of topics such as economic and social history,

women and gender, religion, and the Cold War in European history.

**HS 469E-W. FRAME OF REFERENCE (3).** Provides an in-depth analysis of topics such as economic and social history, women and gender, or religion, and the Cold War.

**HS 476. HUMAN RIGHTS AND HUMANITARIANISM IN AFRICA AND THE MIDDLE EAST (3).** Examines the history of the global human right movement, and humanitarianism in Africa and the Middle East over the last 150 years. Case studies will focus on aid, refugees, and minority and women's rights. Cross-listing: PJ 451S.

**HS 477. REVOLUTION IN THE MIDDLE EAST (3).** Explores the complex nature of revolution in the Middle East, particularly the Arab world, by examining a number of revolutionary movements from the late 1800s to the Arab uprisings of 2011-2012. Cross listing: PJ 477.

**HS 478. INTER-RELIGIOUS RELATIONS IN THE MIDDLE EAST (3).** Examines the long history of inter-religious relationships among the major religions of the region and their sects, including Judaism, Zoroastrianism, Christianity, and Islam, from the rise of Christianity to the present. Cross listing: RT 430E.

**HS 480. RELIGION AND POLITICS IN MODERN AFRICA (3).** Examines the intersection of faith and politics in Africa since 1830 by focusing on the complex relationships between African faiths (Islam, Christianity, and African traditional religions) and colonialism, nationalism, apartheid, democracy and terrorism. Cross listing: RT 430F.

**HS 481. HISTORY OF CHRISTIANITY IN AFRICA (3).** Explores the history of Christianity in the African continent beginning with Africa's contribution to the formation of the faith up until the present, while discussing issues of African spirituality, theology, and social justice. Cross listing: RC 430G.

**HS 482. THE INDIAN OCEAN WORLD (3).** Examines the long history of interconnections between the people and cultures surrounding the Indian Ocean. Topics include: piracy, migration, slavery, intellectual and religious exchange, maritime technology, commerce, imperialism, decolonization and the Non-Aligned Movement.

**HS 483E-W. MODEL LEAGUE OF ARAB STATES (3).** A combined small seminar and simulation experience in which students study a member state and issues within a League of Arab States, and then represent that state in a 3-4 day simulation at a host university. Prerequisite(s): Permission of instructor.

**HS 486. OIL AND WATER IN THE GREATER MIDDLE EAST (3).** Focuses on the history and effects of water use and fossil fuel extraction in the arid climate zone from North Africa to Pakistan. Cross listing: ENV 486 and PJ 488.

**HS 489E-W. TOPICS IN EAST ASIAN HISTORY (3).** Provides an in-depth analysis of a significant East Asian problem. Content varies from year to year. May include the communist revolution in China, the Meiji Restoration, the Nanjing (Nationalist) Decade in China, Japanese democracy in the inter-war years, the Korean War, or imperialism in East Asia. Prerequisite(s): Junior standing and permission of instructor.

**HS 490E-W. INDEPENDENT STUDY IN HISTORY (1-3).** Offers an opportunity for independent exploration of areas of interest under the direction of a department member. Prerequisite(s): Approval of department chair.

**HS 495E-W. SEMINAR IN HISTORY (3).** Focuses on the application of research methodology appropriate to the seminar topic. Prerequisite(s): Permission of instructor.

**HS 495J. SEMINAR IN HISTORY: READING SEMINAR (3).** One of two seminars in historiography required of all History majors, the Reading Seminar focuses on critical analysis of selected themes in historical writing. The Reading Seminar is team-taught by members of the History faculty.

**HS 495K. SEMINAR IN HISTORY: RESEARCH SEMINAR (3).** One of two seminars in historiography required of all History majors, students in the Research Seminar engage in the process of researching, writing, and presenting a major seminar paper. The Research Seminar is supervised by the History faculty.

**HS 498E-W. INTERNSHIP IN HISTORY (3).** Provides practical experience in applied history. Students are placed according to their interest at national archives, museums, historical societies, public interest groups, nonprofit organizations, international businesses, at the local, regional, national, or international level. Includes research work in history with the Department's faculty. Prerequisite(s): Approval of department chair and director of Academic Internship Program. NOTE: 10-20 hours per week required.

**HS 499. INTEGRATED CAPSTONE (3).** Draws on historiography and theory from disciplines of History and Politics. Students complete a summative research writing with advising from History and Politics faculty. NOTE: Senior Standing Cross-Listing(s): POL 499.

## HONORS

### INTEGRATIVE SEMINARS

**RCC 200H. HONORS WRITING SEMINAR: THE IDEA OF A UNIVERSITY (3).** As the foundational offering in a five-semester honors sequence, this course begins a series of historically recursive seminars that bring the traditions of Christianity and classical learning into fruitful engagement with new developments in culture and thought. Examines the human heart and mind, the timeless struggle between reason and emotion, situating the conversation within an ongoing dialog on the nature of education and a university's role in fostering it. NOTE: Honors students only.

**RCC 300H. HONORS SEMINAR: TRADITION AND INNOVATION (3).** As the second course in a five-semester sequence, this course draws upon the intellectual tradition commonly called the humanities as it investigates the play between tradition and innovation in the human story. Prerequisite(s): RCC 200H or permission of instructor. NOTE: Honors students only.

**RCC 410H. HONORS SEMINAR: CHAOS AND ORDER (3).** As the third course in a five-semester honors sequence, this course invites students to consider the human person in relation to both society and the natural world. Uses a historically recursive

approach, to investigate the scientific methods as modes of understanding our world. Prerequisite(s): RCC 200H & RCC 300H or permission of instructor. NOTE: Honors students only.

RCC 420H. HONORS SEMINAR: JUSTICE FOR ALL (3). As the fourth course in a five-semester honors core sequence, this team-taught interdisciplinary course examines the implications of "justice for all" in a global context. The course examines historical and contemporary notions of peace and justice as it cultivates an international perspective on fundamental questions of peace, security, and justice. Prerequisite(s): RCC 410H or permission of instructor. NOTE: Honors students only.

RCC 430H. HONORS SEMINAR: MAGIS AND THE SEARCH FOR MEANING (3). Explores the Jesuit concept of magis in relation to the fundamental human quest for meaning. Drawing upon a variety of personal and literary narratives that seek to come to terms with the central question animating the Regis core experience, "How ought we to live?", this historically recursive and interdisciplinary course will end with a profound reflection on what it means to be in our time. Prerequisite(s): RCC 40H or permission of instructor. NOTE: Honors students only.

RCC 450A/B. Arrupe Science Mentorship (0-1). Students will support Arrupe Jesuit High School seniors complete their Science Capstone projects. Regis students needn't be science majors to participate. Most of the mentorship will occur at Arrupe Jesuit High School. NOTE: Permission of instructor is required.

RCC 490E-W. INTEGRATIVE CORE (3). Focuses around the themes of Diversity & Cultural Tradition, Global Environmental Awareness, Justice & the Common Good, or Search for Meaning. Deliberately value-laden and emphasizes Jesuit values. Examines relevant fundamental issues and the student's role in an increasingly interconnected world. Prerequisite(s): Junior standing or completion of Distributive Core required.

## HONORS (HO)

HO 490E-W. INDEPENDENT STUDY IN HONORS (1-3). Offers an opportunity to explore an idea, issue, problem, or project from an interdisciplinary perspective with the consent and collaboration of an instructor. Prerequisite(s): Approval of director of the Honors Program.

HO 493A. HONORS THESIS RESEARCH SEMINAR A (0-2). Focuses on the application of research methodology appropriate to the student's thesis topic. Students conduct research, complete a literature review, prepare an annotated bibliography, and present a specific proposal for their thesis. Prerequisite(s): Junior standing.

HO 493B. HONORS THESIS RESEARCH SEMINAR B (0-2). A continuation of HO 493A. Focuses on the application of research methodology appropriate to the student's thesis topic. Students conduct research, complete a literature review, prepare an annotated bibliography, and present a specific proposal for their thesis. Prerequisite(s): Senior standing.

HO 499. HONORS THESIS (0-2). Students prepare the honors thesis produced in HO 493A and HO 493B for presentation in a defense or symposium. Students submit final drafts of the thesis, prepare the document for permanent binding and submission to

the library archives, and make a public presentation of their work. Prerequisite(s): HO 493A and HO 493B. Senior standing.

## HONORS DISTRIBUIVE CORE

BL 261H. HONORS MOLECULAR AND CELLULAR BIOLOGY LABORATORY AND SEMINAR (2). Involves laboratory exercises accompanying and reinforcing lecture topics; introduces techniques for exploring cell structure and function, emphasizing recombinant DNA. Seminar readings explore topics in greater depth and link biological topics to broader academic themes. Co-requisite: BL 260. NOTE: Students with AP credit are not required to take BL 260 as a co-requisite. One three-hour laboratory and one seminar session per week. Honors students only or permission of instructor.

BL 263H. HONORS ORGANISMIC BIOLOGY LABORATORY AND SEMINAR (2). Involves laboratory exercises accompanying and reinforcing lecture topics. Includes dissection of representative organisms and fieldwork. Seminar readings explore topics in greater depth and link biological topics to broader academic themes. NOTE: One three-hour laboratory and one seminar session per week. Honors students only or permission of instructor.

BL 414H. HONORS GENETICS SEMINAR (1). Develops student understanding of the historic development, social context, and primary literature of genetics via discussion of readings in a seminar format. Prerequisite(s): BL 260 and BL 262. Co-requisite: BL 414. NOTE: Honors students only or permission of instructor.

CH 220. Honors Principle of Chemistry (4). An honors-level course for students with strong skills in math and/or chemistry. Topics are similar to CH 210, but with more in-depth coverage. Intended for students considering a major in chemistry, biochemistry or pre-medicine. Co-requisite: CH 221. NOTE: Minimum score of 28 on the ACT math required for enrollment. Honors students only or permission of instructor.

CH 221. Honors Principles of Chemistry Laboratory (1). Inquiry based examination of fundamental chemical concepts in context of their impact on research, humanity and the environment using modern laboratory techniques and instrumentation. Co-requisite: CH 220. NOTE: Minimum score of 28 on the ACT math required for enrollment. Honors students only or permission of instructor.

COM 250H. HONORS SPEAKING TO MAKE A DIFFERENCE (3). Develops engaged, competent, confident communicators, preparing speakers to connect with small and large, live and remote audiences. Encourages critical listening, writing, rehearsing, revising and speaking skills relevant to everyday, civic, professional and family/social life. NOTE: Honors students only.

EC 200H. ECONOMICS FOR RESPONSIBLE CITIZENSHIP (3). Explores the interdisciplinary nature and historical evolution of economic theory and policy with particular emphasis on its impact on attitudes, politics, society, and the environment. Highlights the pressing problems of inequality and climate change as they relate to economics. Provides students with basic quantitative, economic, and financial literacy.

EN 300H. LITERARY ANALYSIS (3). Introduces and develops advanced approaches to thinking and writing about literature. Explores the fundamentals of poetry, drama, and narrative form,

while seeking a more complex understanding of literary analysis and evaluation. Prerequisite(s): RCC 200. NOTE: Majors only.

**PL 270H. HONORS PHILOSOPHICAL EXPLORATIONS (3).** An introductory course in philosophy which acquaints students with the range of questions and issues raised in both philosophical tradition and contemporary thought. Engages students in a critical analysis and evaluation of different philosophical positions, including their own. NOTE: Honors Students only.

**PY 250H. HONORS GENERAL PSYCHOLOGY (3).** Introduction to the scientific study of behavior and mental processes, including the biological basis of behavior, sensation/perception, learning, memory, cognition, language, motivation, emotion, intelligence, personality, social behavior, psychological disorders, and therapy. Addresses the applicability of psychology to understanding societal problems. NOTE: Honors Students only.

**RT 201H. HONORS RELIGION AND THE HUMAN QUEST (3).** Cultivates curiosity about what it means to be human in the face of the sacred, the ultimate, the mystery of existence, and how different people historically have understood this. Develops and enhances ability to evaluate critically various approaches to existential and social questions about meaning, suffering, goodness, and ultimacy. NOTE: Honors students only.

**RT 411H. HONORS RELIGIOUS STUDIES (3).** Explores themes central to the study of religion, such as, classics of Christian thought, major thinkers, topics in Christianity, including church history, ethics, or spirituality; topics from Old and New Testament studies; intersections between various traditions, as well as between Religious Studies and other disciplines. Prerequisite(s): RT 201H or permission of instructor. NOTE: Honors students only.

## HUMANITIES (HU)

**HU 365. A LITERARY TOUR OF IRELAND (3).** Introduces students to the works and work places of such writers as Yeats, Shaw, Synge, Beckett, Kavanagh, Behan, Joyce, and others. Studies a variety of genres and disciplines, and will visit important spiritual and intellectual places while in Ireland.

**HU 492E-W. TOPICS IN HUMANITIES (3).** Provides a value-based approach to explore special topics focusing on the integration of literature, humanities, and the arts. Prerequisite(s): EN 210 or HU 201.

## LEARNING SUPPORT (LS)

**LS 103. MATH LEARNING STRATEGIES (1).** Provides help for students with learning difficulties in the areas of mathematics or science. Emphasizes better self-understanding as learners in these disciplines. Enables students to select and employ appropriate and effective learning/study strategies. Co-requisite: Any Mathematics course.

**LS 201. STRATEGIES FOR SUCCESS I (1).** Studies students' relationship to learning and university life. Focuses on the development and mastery of skills related to comprehending and analyzing college-level texts. Assists students in the development of effective study strategies. NOTE: Commitment Program students only.

**LS 202. CRITICAL READING AND STUDY SKILLS II (1).** Continuation of LS 201. Studies students' relationship to learning and university life. Focuses on the development and mastery of skill related to comprehending and analyzing college-level texts. Assists students in the development of effective study strategies.

**LS 230. BASIC WRITING WORKSHOP (1).** Develops ability to write clearly and effectively, and organize and develop ideas through frequent writing practice. Provides opportunities for individual conferences with the instructor and for small group writing and editing sessions with other students.

**LS 231. BASIC WRITING WORKSHOP II (1).** Continuation of LS 230. Provides additional study of analytical and argumentative writing with both lecture and workshop sessions. Includes significant research component to support students work in seminar courses. NOTE: Commitment Program students only.

## MATHEMATICS (MT)

**MT 204. CONTEMPORARY MATHEMATICS (3).** Presents topics in contemporary mathematics that are relevant to the Liberal Arts student. Develops the skills required to understand and interpret quantitative information that students encounter in the Liberal Arts curriculum. Prerequisite(s): Placement by department.

**MT 205. CONTEMPORARY MATHEMATICS FOR LIBERAL ARTS STUDENTS (3).** Presents contemporary mathematics for liberal arts students. It emphasizes the use of mathematics in the natural world using concepts such as social choice, networking, scheduling, symmetry in art and nature, fractals, growth, the Golden Ratio, music and poetry. NOTE: Cannot receive credit for MT 204 and MT 205.

**MT 206. CONTEMPORARY MATHEMATICS FOR BUSINESS STUDENTS (3).** Presents topics in contemporary mathematics for business students. It emphasizes the use of mathematics in everyday life using real world applications such as set relationships, percentages, statistics, probability, personal finance, and business applications. NOTE: Cannot receive credit for MT 204 and MT 206.

**MT 225. MASTERY OF FOUNDATIONAL MATHEMATICS (3).** Makes connections between K-12 experiences in math and college-level abstract mathematical foundations.

**MT 260. PRE-CALCULUS (4).** Reviews the fundamental topics from Algebra and Trigonometry that are necessary for success in calculus. Topics include graphs, polynomials, rational functions, trigonometric functions, exponentials, logs, and vectors. Prerequisite(s): Placement by Department required.

**MT 270/MT 270C. INTRODUCTION TO STATISTICS (3).** Presents standard topics in introductory statistics for students whose major is not mathematics. Topics include descriptive statistic, probability distributions, estimations, hypothesis testing, linear regression and correlation, and other topics. Prerequisite(s): Two (2) years of High School Algebra required. NOTE: MT 270C is a course that carries a communication focus in the course assignments, and enrollment is limited to students who took the paired/linked RCC 200 course in the fall.

**MT 272/MT 272C. STATISTICS FOR THE LIFE SCIENCES (3).** Presents introductory statistics emphasizing applications in biology, psychology, neuroscience, and kinesiology. Includes descriptive statistics, hypothesis testing, regression, t-tests, Chi-square, and ANOVA with particular emphasis to analysis using p-scores. Prerequisite(s): Two (2) years of High School Algebra required. NOTE: MT 272C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**MT 274. INTRODUCTION TO STATISTICS FOR HEALTH PROFESSIONS (3).** Provides basic understanding of statistical analysis in the health sciences. Focuses on the interpretation and analysis of health care data as it applies to organizational and clinical decision-making. Uses case studies to demonstrate measures of central tendency, position, and variation. Explores quantitative epidemiology concepts as applied to analysis of the health needs of a population, skills needed to evaluate inference in hypothesis testing including the t-test, F-test, and chi-square test.

**MT 320. INTRODUCTION TO DISCRETE MATHEMATICS (3).** Introduces mathematical tools used by computer scientists with an emphasis on developing problem solving abilities. Topics include machine logic, set theory, Boolean algebra, mathematical induction, and data structures. Prerequisite(s): Two years of high school algebra.

**MT 330. BUSINESS CALCULUS (3).** Introduces standard topics of calculus, including functions and their graphs, exponential and logarithmic functions, differentiation, and integration, and presents them in the context of examples from the business world. Prerequisite(s): Two years high school Algebra or permission of instructor.

**MT 360A. CALCULUS I (4).** Treats standard topics of single variable calculus including limits, continuity, derivatives, applications of derivatives, and elements of integration. Prerequisite(s): MT 260 or placement by department.

**MT 360B. CALCULUS II (4).** Continues treatment of single variable calculus including definite and indefinite integrals, applications of integrals, transcendental functions, techniques of integration and infinite series. Prerequisite(s): MT 360A or placement by department.

**MT 360C. CALCULUS III (4).** Presents topics of multivariable calculus including calculus of vector functions, multivariable functions, partial derivatives, multiple integrals, applications and other topics as time permits. Prerequisite(s): MT 360B or placement by department.

**MT 401. LOGIC AND PROOF (3).** Provides an introduction to mathematical reasoning and proof writing. Topics include set theory, logic and methods of proof. Prerequisite(s): MT 360B or permission of instructor.

**MT 405. NUMERICAL AND COMPUTATIONAL METHODS (3).** Uses Python or MATLAB in solving linear and nonlinear equations, approximation theory, numerical integration and differentiation, numerical solution of differential equations, and linear programming. Prerequisite(s): MT 463 or permission of instructor.

**MT 415. LINEAR ALGEBRA (3).** Studies vector spaces, linear transformations, matrices, determinants, systems of equations, eigenvalues, and characteristic matrices. Prerequisite(s): MT 360A. NOTE: Required for students preparing to teach secondary mathematics.

**MT 420A. INTRODUCTION TO OPERATIONS RESEARCH I (3).** Summarizes matrix and vector algebra. Introduces hyperplanes and convex geometry in n-dimensions, scanning extreme points and tableau pivots, the simplex algorithm and slack variables, degeneracy and classification of linear programming problems, duality theory and shadow variables, imputed values and sensitivity analysis. Prerequisite(s): MT 360B or permission of instructor.

**MT 420B. INTRODUCTION TO OPERATIONS RESEARCH II (3).** Introduces sequential search techniques, Fibonacci search, three point interval search, convex functions, gradient techniques, exploratory sequences and accelerated pattern moves for an n-dimensional setting; the feasible direction algorithm; dynamic programming; active versus inactive constraints and penalty functions. Prerequisite(s): MT 360B.

**MT 423A. ABSTRACT ALGEBRA I (3).** Provides an axiomatic treatment of basic concepts of groups, rings, and fields. Prerequisite(s): MT 401 or permission of instructor. NOTE: At least one upper division mathematics course required.

**MT 423B. ABSTRACT ALGEBRA II (3).** A continuation of MT 423A. Prerequisite(s): MT 423A.

**MT 426. HISTORY AND FOUNDATIONS OF MATHEMATICS (3).** Discusses topics in ancient methods of numeration and calculation, the history and solution of classical problems, including topics from number theory, algebra, geometry, and calculus. Includes contributions of the great mathematicians, under-represented groups (including minorities and women), and diverse cultures. Investigates the role of mathematics in civilization. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

**MT 430. INTRODUCTION TO MATHEMATICAL MODELING (3).** Studies principles of constructing mathematical models using techniques such as: difference equations, proportionality, geometric similarity, graphical analysis and dimensional analysis, simulation with random numbers, and systems of differential equations. Prerequisite(s): MT 360B.

**MT 435. APPLIED COMBINATORICS (3).** Studies methods for counting arrangements and selections, generating functions, recurrence relations, the inclusion-exclusion principle, elements of graph theory, covering circuits, trees and searching and network algorithms. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

**MT 437. CRYPTOGRAPHY (3).** Includes a brief history of code making and code breaking, modern private key systems (AES), and public key cryptosystems. Prerequisite(s): MT 415.

**MT 441. MODERN GEOMETRY (3).** Studies Euclidean and non-Euclidean geometries such as: Mobius, hyperbolic, elliptic, absolute, and projective geometries. Geometries are studied using analytic methods. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

MT 445. ADVANCED LINEAR ALGEBRA (3). Continues the study of matrices, determinants, systems of equations eigenvalues, characteristics matrices, and space matrices. Prerequisite(s): MT 415.

MT 454. REAL ANALYSIS (3). Provides rigorous treatment of real numbers, functions, sets, and limits-the foundations underlying Calculus. Studies sequences and series of numbers and functions, basis topology, continuity and differentiability of functions, and integration. Prerequisite(s): MT 401.

MT 463. DIFFERENTIAL EQUATIONS (3). Studies solutions of first and second order differential equations, applications, linear differential equations, series solutions, laplace transforms, numerical solutions, and systems of linear differential equations with constant coefficients. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

MT 470A. MATHEMATICAL STATISTICS I (3). Introduces probability; distribution functions and moment generating functions, correlation and regression; development and applications of binomial, normal, student's T, chi square, and F distributions. Prerequisite(s): MT 360B. NOTE: Required for students preparing to teach secondary mathematics.

MT 470B. MATHEMATICAL STATISTICS II (3). A continuation of MT 470A. Prerequisite(s): MT 470A or MT 472.

MT 472. PROBABILITY AND STATISTICS (3). Introduces probability and statistics and the underlying mathematical theory, discrete and continuous distributions, sampling distributions, estimation, hypothesis testing and regression. Prerequisite(s): MT 360B.

MT 480. COMPLEX ANALYSIS (3). Studies calculus of complex variables including algebra of complex numbers, analytic functions, complex integration, series for complex functions and residue theory. Focuses on applications in mathematics and science. Examines the difference between real and complex variables. Prerequisite(s): MT 360B.

MT 490E-W. INDEPENDENT STUDY IN MATHEMATICS (1-3). Provides an opportunity for independent exploration of areas of interest. Prerequisite(s): Approval of department chair.

MT 495E-W. ADVANCED TOPICS IN MATHEMATICS (3). Provides an intensive examination of the theory of a particular mathematical area of study.

MT 498E-W. INTERNSHIP IN MATHEMATICS (3). Gain experience working with professional mathematicians and scientists in a technical field. Students will be able to relate the mathematics, which they are learning in the classroom to the work they expect to be doing after graduation.

## MODERN AND CLASSICAL LANGUAGES AND LITERATURE

### CHINESE (CHN)

CH 209A. ELEMENTARY CHINESE I (4). Provides a groundwork for studying Modern Chinese. Studies the essentials of grammar and oral drill, dictation, reading of elementary and intermediate texts, conversation, and written exercises and introduces some of the most important cultural traits of the Chinese speaking world.

CH 209B. ELEMENTARY CHINESE II (4). A continuation of CHN 209A. Prerequisite(s): CHN 209A or equivalent.

CH 290E-W. INDEPENDENT STUDY (3). Lower level Independent study.

CH 309A. INTERMEDIATE CHINESE I (3). Focuses on daily communication in both oral and written forms. Centers on important linguistic structures to build and refine the student's understanding of Chinese grammar and gradually introduces more formal speech and written-style language. Prerequisite(s): CHN 209B or equivalent.

CH 309B. INTERMEDIATE CHINESE II (3). A continuation of CHN 309A. Prerequisite(s): CHN 309A or equivalent.

CHN 409. ADVANCED CHINESE I (3). Provides an intensive review of Chinese grammar, focusing on development of oral competency and reading and writing skills to promote in-depth understanding of the histories and the diverse socio-cultural linguistic practices of the Chinese speaking world. Prerequisite(s): CHN 309B.

CHN 410. ADVANCED CHINESE II (3). continues an intensive review of Chinese grammar, focusing on development of oral competency and reading and writing skills to promote in-depth understanding of the histories and the diverse socio-cultural linguistic practices of the Chinese speaking world. Prerequisite(s): CHN 409.

CHN 411 ADVANCE CHINESE III (3). Continues development of oral competency and reading and writing skills by focusing primarily on literary criticism and introduction to formal research methods through the introduction of major literary periods, genres, and themes. Prerequisite(s): CHN 410.

CHN 490E-W. INDEPENDENT STUDY (1-3) Upper division Independent study.

### FRENCH (FR)

FR 209A. ELEMENTARY FRENCH I (4). Studies the essentials of grammar and oral drill, dictation, reading of elementary and intermediate texts, conversation, and written exercises and introduces some of the most important cultural traits of the French speaking world.

FR 209B. ELEMENTARY FRENCH II (4). A continuation of FR 209A. Prerequisite(s): FR 209A or equivalent.

FR 290E-W. DIRECTED STUDY IN FRENCH (0-4). Offers an opportunity for independent exploration of topics in French or Francophone literature and art.

FR 309A. INTERMEDIATE FRENCH I (3). Provides intensive study in current idiomatic French. Develops accuracy and proficiency in the use of the language by means of a thorough grammar review, oral exercises, and written work. Includes reading of intermediate and semi-advanced texts. Emphasizes the use of French linguistic skills to gain a more in-depth understanding of the cultural practices, products, and perspectives of the French speaking world. Prerequisite(s): FR 209B or equivalent.

FR 309B. INTERMEDIATE FRENCH II (3). A continuation of FR 309A. Prerequisite(s): FR 309A or equivalent.

NOTE: ALL 400-LEVEL FRENCH COURSES ARE TAUGHT IN FRENCH.

FR 409. ADVANCED FRENCH I (3). Provides an intensive review of French grammar focused primarily on development of oral competency and composition skills to promote in-depth understanding of the histories and the diverse socio-cultural and linguistic practices of the French speaking world. Prerequisite(s): FR 309B or equivalent.

FR 410. ADVANCED FRENCH II (3). Provides an intensive review of French grammar focused primarily on French cultural history and politics. Prerequisite(s): FR 309B or equivalent.

FR 411. ADVANCED FRENCH III (3). Provides an intensive review of French grammar focused primarily on literary criticism and an introduction to formal research methods through the introduction of major literary periods, genres, and themes. Prerequisite(s): FR 309B or equivalent.

FR 415. FRENCH POLITICS AND CULTURE (3). Analyzes the political and cultural evolution of France and francophone countries and the European Union. Prerequisite(s): FR 309B.

FR 423. TRANSLATION/INTERPRETATION/COMPOSITION (3). Offers practice in advanced composition, translation, and stylistic analysis in French to develop grammar, vocabulary and analytic skills in a contemporary and realistic context. Prerequisite(s): FR 309B or equivalent.

FR 426. ADVANCED FRENCH CONVERSATION I (1). Involves conversation based on readings and current events, film and cultural excursions as well as other topics selected by the instructor and students. Provides an informal format for development of communication skills and understanding of contemporary Francophone issues. Prerequisite(s): FR 309B or permission of instructor.

FR 427. ADVANCED FRENCH CONVERSATION II (3). Phonetics-based, advanced-level discussion of contemporary French and francophone, social, political and cultural issues. Emphasizes development of oral proficiency. Prerequisite(s): FR 309B or permission of instructor.

FR 429. SURVEY OF FRENCH LITERATURE FROM THE MEDIEVAL PERIOD THROUGH THE 17TH CENTURY (3). Examines major French writers and literary movements from the medieval through the classical periods. Prerequisite(s): FR 309B or equivalent.

FR 435. SURVEY OF FRENCH THEATER (3). A critical study of representative French plays from the Middle Ages to the 21st Century through reading, viewing, discussion and in-class performance. Taught in French. Prerequisite(s): FR 309B or equivalent.

FR 439. DIVERSITY IN THE FRENCH-SPEAKING WORLD (3). Multi-disciplinary study of representative works from the Francophone world including Canada, France, North and sub-Saharan Africa, Haiti, Martinique and Guadeloupe. Prerequisite(s): FR 309B. Sophomore standing and permission of instructor required.

FR 460. ROMANCE LINGUISTICS (3). Studies the fundamental structures of the romance languages: phonology, morphology, syntax, and semantics. Explores evolution of the romance

languages from Latin and studies relationships among language, thought and culture. Prerequisite(s): FR 309B. Cross listing: SP 460.

FR 490E-W. INDEPENDENT STUDY IN FRENCH (3). Offers an opportunity for independent exploration of topics of interest in French or Francophone literature and art. Prerequisite(s): FR 409, or FR 410, or FR 411 or equivalent and approval of department chair.

FR 495E-W. SEMINAR IN FRENCH AND FRANCOPHONE STUDIES (3). Provides an intensive study of French and francophone authors, genres or literary movements. Prerequisite(s): FR 409, or FR 410 or FR 411 or equivalent or permission of instructor.

FR 498E-W. INTERNSHIP IN FRENCH (3). Provides practical on-site experience in the use of French and an opportunity to enhance reading, writing, speaking, and listening skills. Prerequisite(s): Junior standing and approval of department chair and director of Academic Internship Program.

FR 499. SENIOR SEMINAR (1). Individualized reading and writing assignments based on courses previously taken. Prerequisite(s): Permission of instructor. NOTE: Future departmental recommendations based on successful completion of the course.

## GERMAN (GR)

GR 209A. ELEMENTARY GERMAN I (4). Provides an intensive review of basic grammatical structures and conversation, and conversation and introduces some of the most important cultural traits of the German speaking world. NOTE: Minimum of one-hour language laboratory each week in addition to four class meetings required.

GR 209B. ELEMENTARY GERMAN II (4). A continuation of GR 209A. Prerequisite(s): GR 209A or equivalent.

GR 309A. INTERMEDIATE GERMAN I (3). Provides an intensive review of current idiomatic German and grammatical structures, developing accuracy and proficiency in the use of the language. Involves readings of prepared illustrative texts. Prerequisite(s): GR 209B or equivalent. NOTE: Minimum of one-hour language laboratory each week in addition to three class meetings required.

GR 309B. INTERMEDIATE GERMAN II (3). A continuation of GR 309A. Prerequisite(s): GR 309A or equivalent.

GR 490E-W. INDEPENDENT STUDY IN GERMAN (3). Provides independent exploration of topics of interest and of German authors. Prerequisite(s): Approval of department chair and director of Academic Internship Program required.

## LATIN (LT)

LT 201A. INTRODUCTORY LATIN I (4). Studies Latin vocabulary, grammar, and syntax for students beginning in Latin.

LT 201B. INTRODUCTORY LATIN II (4). A continuation of LT 201A. Prerequisite(s): LT 201A or equivalent.

LT 301A. INTERMEDIATE LATIN I (3). Introduces classical Latin literature, prose, and poetry, with readings from Cicero, Catullus, Horace and Virgil and further study of Latin grammar. Prerequisite(s): LT 201A and LT 201B or equivalent.

LT 301B. INTERMEDIATE LATIN II (3). A continuation of LT 301A. Prerequisite(s): LT 301A or equivalent.

LT 490E-W. INDEPENDENT STUDY IN LATIN (3). Offers and independent exploration of topics of interest and of Latin authors. Prerequisite(s): Approval of department chair and director of Academic Internship Program required.

## SPANISH (SP)

SP 209A. ELEMENTARY SPANISH I (4). Provides a thorough grounding in essentials of grammar, oral drill, dictation, elementary and intermediate texts, conversation, and written exercises and introduces some of the most important cultural traits of the Spanish speaking world.

SP 209B. ELEMENTARY SPANISH II (4). A continuation of SP 209A. Prerequisite(s): SP 209A or equivalent.

SP 309A. INTERMEDIATE SPANISH I (3). Provides an intensive grammar review to develop accuracy and proficiency in the use of the language. Emphasizes the use of Spanish linguistic skills to gain a more in-depth understanding of the cultural practices, products, and perspectives of the Spanish speaking world. Prerequisite(s): SP 209B or equivalent.

SP 309B. INTERMEDIATE SPANISH II (3). A continuation of SP 309A. Prerequisite(s): SP 309A or equivalent.

SP 320. SPANISH FOR MEDICAL AND HEALTH CARE WORKERS (4). Provides Spanish students and medical and health care workers the opportunity to better communicate with the growing Spanish community in the United States. Explores how to progressively merge grammar, content, and health care vocabulary in various medical contexts. Provides flexibility and will be tailored to students with different proficiency levels in Spanish.

NOTE: ALL 400-LEVEL SPANISH COURSES ARE TAUGHT EXCLUSIVELY IN SPANISH UNLESS OTHERWISE INDICATED.

SP 408A. SPANISH FOR HERITAGE SPEAKERS I (3). Expands the bilingual range and literacy skills of heritage speakers while fostering the acquisition of different linguistic registers and promoting in-depth understanding of the histories and diverse socio-cultural and linguistic practices of the Spanish speaking world. Prerequisite(s): SP 309B.

SP 408B. SPANISH FOR HERITAGE SPEAKERS II (3). Continuation of SP 409A. Prerequisite(s): SP 408A.

SP 409. ADVANCED SPANISH I (3). Provides an intensive review of Spanish grammar focusing on development of oral competency and reading and writing skills to promote in-depth understanding of the histories and the diverse socio-cultural and linguistic practices of the Spanish speaking world. Prerequisite(s): SP 309B or equivalent.

SP 410. ADVANCED SPANISH II (3). Continues intensive review of Spanish grammar focusing on development of oral competency and reading and writing skills to promote in-depth understanding of the histories and the diverse socio-cultural and linguistic practices in the Spanish speaking world. Prerequisite(s): SP 309B or equivalent.

SP 411. ADVANCED SPANISH III (3). Continues development of oral competency and reading and writing skills by focusing primarily on literary criticism and introduction to formal research

methods through the introduction of major literary periods, genres, and themes. Prerequisite(s): SP 309B or equivalent.

SP 415. SPANISH CIVILIZATION (3). Studies the development of Spain from prehistoric times to the present. Includes the art, literature, and music of the Spanish culture. Prerequisite(s): SP 409, or SP 410, or SP 411.

SP 417. BUSINESS COMMUNICATION AND CULTURE IN SPANISH (3). Familiarizes students with basic business concepts in Spanish and provides an overview of commerce in a global economy with a focus on sustainable business practices in Latin America and Spain. Prerequisite(s): SP 309B. NOTE: Students should have at least two years of college level Spanish or permission of the instructor.

SP 423. TRANSLATION/INTERPRETATION/ COMPOSITION (3). Offers practice in advanced composition, translation, and stylistic analysis in Spanish to develop grammar, vocabulary, and analytic skills in a contemporary and realistic context. Prerequisite(s): SP 309B or equivalent.

SP 424. SPANISH FOR THE MEDICAL AND HEALTH CARE WORKER (3). Provides Spanish students, medical, and health care workers the opportunity to enhance communication skills with the vast number of Spanish speaking patients. Examines direct and Indirect commands; formal and informal speech; and the nuance of language paired with cultural aspects of communication. Prerequisite(s): Two or more semesters of Spanish or permission of instructor. Majors and minors only.

SP 430A. SURVEY OF SPANISH LITERATURE (3). Studies advanced composition centered on a survey of Spanish literature. Prerequisite(s): SP 409, or SP 410, or SP 411.

SP 430B. SURVEY OF LATIN AMERICAN LITERATURE (3). Studies advanced composition centered on a survey of Latin American literature. Prerequisite(s): SP 409, or SP 410, or SP 411.

SP 432. 18TH AND 19TH CENTURY SPANISH LITERATURE (3). A survey of the most important literary movements in 18th and 19th century Spain. Emphasizes the works of Jovellanos, El Duque de Rivas, Espronceda, Zorrilla, Becquer, Galdós, and Pardo Bazán. Prerequisite(s): SP 409, SP 410, and SP 411.

SP 435. LATIN AMERICAN AND LATINO LITERATURE, CULTURE, AND SOCIETY (3). Multidisciplinary study of contemporary Latin American society represented in literature from the United States and Latin America emphasizing social, economic, and political issues. Prerequisite(s): SP 409A.

SP 436. NATIVE LATIN AMERICAN LITERATURE (3). Introduction to Indigenous literature and cultural production within the Spanish colonies in the Americas. Includes texts from the colonial period to the present. This class is taught in Spanish. Prerequisite(s): SP 409, SP 410, or SP 411.

SP 437. WRITING BY AND ABOUT HISPANIC WOMEN (3). Analyzes the creation and re-creation of the female persona in selected texts by and about Hispanic women writers from the middle ages to the present. Emphasizes critical analysis and the continued development of speaking, reading, writing, listening, and cultural proficiency. Prerequisite(s): SP 309B or equivalent or permission of instructor required. Cross listing: WGS 437.



**SP 439. THEATRICAL PERFORMANCE IN SPANISH (3)** Explores dramatic works from Spain and Latin America. Students will perform these works and examine the cultural and historical contexts in which they were first performed. Conducted in Spanish. Prerequisite(s): SP 309B, or permission of instructor.

**SP 445. SPANISH PHONETICS AND PHONOLOGY (3).** Introduction to practical and theoretical aspects of phonetics and phonology. Analyzes important contrasts between sounds of Spanish and English by means of phonetic transcription. Prerequisite(s): SP 409.

**SP 460. ROMANCE LINGUISTICS (3).** Studies the fundamental structures of the romance languages: phonology, morphology, syntax, and semantics. Explores the evolution of the romance languages from Latin and studies the relationships among language, thought and culture. Prerequisite(s): SP 309B. Cross listing: FR 460.

**SP 461. LATIN AMERICAN CIVILIZATION (3).** Studies the development of Latin American cultures from pre-Columbian times to the present. Traces the general history of these countries as well as art, literature, and music. Prerequisite(s): SP 409 or SP 410 or SP 411 or equivalent.

**SP 490E-W. INDEPENDENT STUDY IN SPANISH (1-3).** Offers an opportunity for independent exploration of topics of interest and Spanish and Latin American authors. Prerequisite(s): Approval of department chair and director of Academic Internship Program required.

**SP 495E-W. HISPANIC STUDIES (3).** Provides an intensive study of individual authors, works, periods, or literary movements. Prerequisite(s): Majors only.

**SP 496. SENIOR PROJECT (1).** Provides a capstone experience for senior Spanish majors. Requires extensive reading, writing, and research in a Spanish topic and an oral comprehensive examination. Prerequisite(s): Majors only and Senior standing.

**SP 498E-W. INTERNSHIP IN SPANISH (3).** Provides practical on-site experience in the use of Spanish and an opportunity to enhance reading, writing, speaking, and listening skills. Prerequisite(s): Junior standing and approval of department chair and director of Academic Internship Program.

## NEUROSCIENCE (NS)

**NS 260/260C/260H. INTRODUCTION TO BRAIN AND BEHAVIOR (3).** Introduces the scientific study of how the brain relates to behavior. Explores how brain structure and function are involved in sensorimotor functions, motivation and emotion, cognition, and neurological disorders. Co-requisite: NS 261.

**NS 261. INTRODUCTION TO BRAIN AND BEHAVIOR LABORATORY (1).** Introduces scientific methods used to study brain-behavior relationships such as sensorimotor, emotional, and cognitive functions as well as neurological disorders and the effects of drugs on behavior. Co-requisite: NS 260.

**NS 401. ADVANCED NEUROSCIENCE METHODS (1).** Emphasizes current neuroscience laboratory research techniques including recording cellular activity of nervous tissue, drug effects, brain lesions, histology, microscopy, and behavioral tests for

assessing brain-behavior functions in non-human nervous systems. Prerequisite(s): NS 260. Cross listing: PY 401.

**NS 410. NEUROLOGICAL DISORDERS (3).** Applies a biopsychosocial approach to understanding brain-behavior relationships through the study of diseases of the nervous system. Prerequisite(s): NS 260 or BL 260 and BL 262. Cross listing: PY 410. NOTE: A background in neuroscience or psychology, while helpful, is not essential for this course.

**NS 434. BEHAVIORAL GENETICS (3).** Focuses on how genetics can add to our understanding of complex human behaviors, including cognition, language, emotion, and personality. Topics will include key behavioral genetic methodologies, evolutionary psychology, the psychology of individual differences including cognitive disabilities and psychological disorders, and the social and ethical implications of genetics research. Prerequisite(s): PY 250. Cross listing: PY 434.

**NS 466. PSYCHOPHARMACOLOGY (3).** Examines relationships between brain functions and major psychoactive drugs, including drugs used to treat psychological and neurological disorders. Includes an analysis of the cellular and physiological effects of each drug on neuronal functioning as well as psychological functioning. Prerequisite(s): NS 260 or BL 260 and BL 262 or permission of instructor required. Cross listing: PY 466.

**NS 480. CELLULAR AND MOLECULAR NEUROSCIENCE (3).** Examines current questions and experimental approaches in cellular and molecular neuroscience, including the ionic basis of electrical signaling, the biochemistry of synaptic transmission, mechanisms of learning and memory, and selected current topics in the field. Co-Requisite: NS 481. Prerequisite(s): NS 260, BL 260, and BL 262.

**NS 481. CELLULAR AND MOLECULAR NEUROSCIENCE LABORATORY (1).** Provides students with broad exposure to classic and current experimental approaches in cellular and molecular neuroscience. Utilized approaches will include anatomical, physiological, and biochemical methods for investigating the structure and function of neurons. CO-Requisite: NS 480. NOTE: One three-hour laboratory per week.

**NS 482. SENSATION AND PERCEPTION (3).** Introduces the physiological and psychological processes underlying basic sensory and perceptual experience. Emphasizes psychophysical relationships established for the different sense modalities and theoretical interpretations of the sensory data. Prerequisite(s): PY 250. Cross listing: PY 482.

**NS 485. FUNCTIONAL NEUROPHYSIOLOGY AND NEUROANATOMY (3).** Explores the functional significance of neural physiology and connectivity, including effects related to neural development, how nerve cells communicate with one another, how patterns of neural interconnections give rise to different perceptual, cognitive, and motor responses, and how neural communication is modified by experience. Co-requisite: NS 486. Prerequisite(s): NS 260 and BL 260 and BL 262 or permission of instructor. Cross listing: BL 485 and PY 485.

**NS 486. NEUROPHYSIOLOGY AND NEUROANATOMY LABORATORY (1).** Involves laboratory experiments and computer simulations of neural functions as well as gross dissection, and historical study of Neuroanatomy. Co-requisite:

NS 485. Cross listing: BL 486 and PY 486. NOTE: One three-hour laboratory per week.

NS 487. NEUROPSYCHOLOGY (3). Studies the physiological and neuropsychological correlates of behavior. These include but are not limited to neural systems regulating motivation, emotion, learning, and the neuropsychological bases of cognitive processes. Physiological and psychological responses to brain injury are also examined. Prerequisite(s): NS 260. Cross listing: PY 487.

NS 488. NEUROPSYCHOLOGY LABORATORY (1). Emphasizes current research techniques and neuropsychological methods for assessing cognitive functions in humans, with an emphasis on assessment of the neurobehavioral impact of cerebral lesions. Co-requisite: NS 487. Cross listing: PY 488.

NS 490E-W. INDEPENDENT STUDY IN NEUROSCIENCE (3). Offers an opportunity for advanced study in independent research in neuroscience. Prerequisite(s): Approval of program director required.

NS 491E-W. RESEARCH IN NEUROSCIENCE (1-3). Offers an opportunity for collaborative research in neuroscience under faculty direction. Requires oral or poster presentation. Prerequisite(s): NS 260 and permission of instructor.

NS 495E-W. SEMINAR: CURRENT TOPICS IN NEUROSCIENCE (3). Focuses on a broadly defined topical area or theme in neuroscience. Neuroscience researchers with expertise in the topic present lectures on their area of research specialty. Students develop skills needed to examine background research for each lecture and explore the potential impact of the research on understanding brain function. Topics are announced prior to registration. Prerequisite(s): NS 260 and NS 485 or NS 487 and PY 419.

NS 497E-W. RESEARCH INTERNSHIP IN NEUROSCIENCE (3). Involves placement in a neuroscience research lab for advanced neuroscience students. NOTE: Approval of the director of the Academic Internship Program and the Neuroscience Program director required.

NS 498E-W. INTERNSHIP IN NEUROSCIENCE (3). Involves placement in a clinical or research agency for advanced neuroscience students. Prerequisite(s): Approval of director of Academic Internship Program and program director required.

NS 499. SENIOR THESIS (2). Students meet regularly with the thesis advisor to prepare for the defense of the research before a panel of faculty, to present the research in a public forum, and to submit a final thesis that conforms to APA guidelines and is approved by the faculty examination committee. Prerequisite(s): NS 490E-W and approval of program director required.

## PARACURRICULAR(PC)

PC 200A. LEADERSHIP SEMINAR: MAGIS PROGRAM (0-1). Surveys basic leadership skills and issues for students entering the Regis College Leadership Program. Prerequisite(s) Enrollment limited to MAGIS program students only.

PC 200B. LEADERSHIP SEMINAR: MAGIS PROGRAM (0-1). Surveys basic leadership skills and issues for students entering the Regis College Leadership Program. Prerequisite(s): PC 200A or permission of instructor.

PC 204E-W. LEADERSHIP DEVELOPMENT PROGRAM (0-1). Discover leadership by exploring different leadership theories and concepts. The Leadership Development Program offers three courses that are focused on Social Change, Heroic Leadership, and Organizational Leadership. Receive credit for the Leadership Certificate Program, the Leadership Minor, or enroll in a course solely to learn leadership skills that you can utilize both in your current leadership roles and in future roles. Completion of one of the three courses is required before enrollment into the Leadership Certificate Program.

PC 210A. BEST PRACTICES WORKING WITH STUDENT WRITERS (0 - 1). Provides an introduction to writing theory and reviews practical issues such as grammar and usage. Prepares students to work with other writers by examining peer tutoring techniques. Prerequisite(s): Permission of instructor.

PC 220. COLLEGE, CAREERS & YOUR FUTURE (2). Designed for students who have not yet declared a major, are considering a major change, or want to confirm their career decisions. Participants will self-assess interests, values, skills, and personality within a theoretical context while exploring options about a major and a career.

PC 231A. SERVICE/COMMUNITY BASED LEARNING A (0-2). Students become a contributing member of an established Denver social-service agency with weekly responsibilities for the entire semester. Students will be asked to draw connections between their experiential learning off-campus and their classroom learning by fostering habits of observation, reflection and deliberation. NOTE: Offered Fall semester.

PC 231B. SERVICE/COMMUNITY BASED LEARNING B (0-2). Students become a contributing member of an established Denver social-service agency with weekly responsibilities for the entire semester. Students will be asked to draw connections between their experiential learning off-campus and their classroom learning by fostering habits of observation, reflection and deliberation. NOTE: Offered Spring semester.

PC 232. IN THE SERVICE OF OTHERS (1). Provides opportunities for students to experience, analyze, and reflect upon the intellectual and spiritual benefits of direct community service. NOTE: Commitment Program students only.

PC 233. IN THE SERVICE OF OTHERS II (1). Continuation of PC 232.

PC 240. FR. WOODY SERVICE LEARNING SEMINAR I (1). Provides opportunities to experience, analyze, and reflect upon the intellectual and spiritual benefits of direct community service. In keeping with the Jesuit Mission of "...educating men and women in the service of others," students will study the life and work of Msgr. C.B. Woodrich, read and discuss books devoted to the human search for meaning, and participate in weekly projects established in the name, and modeled on the unique style, of Father Woody. Transportation to these projects will be provided by "Father Woody's Wheels," vehicles dedicated to furthering the legacy of Father Woody. NOTE: Service learning component required.

PC 241. FR. WOODY SERVICE LEARNING SEMINAR II (1). Provides academic service context for exploring the life and work of Fr. Woody in the Jesuit tradition of educating men and women

in the service of others. Prerequisite(s): Permission of instructor. NOTE: Service learning component required

**PC 242. FR. WOODY SERVICE LEARNING SEMINAR III (1).** Provides continued opportunities to participate in the Regis University Mission of 'leadership in the service of others.' Service projects involve direct service to the poor, primarily Denver's homeless population. Course requires weekly participation in a Father Woody Project, weekly meetings with instructor, and reflective writing about the service work. Prerequisite(s): PC 240 or permission of instructor. NOTE: Service learning component required.

**PC 243. COLLEGIATE EXPERIENCE SEMINAR (I).** Introduction to college transition, academics and life for first generation college attendees during their freshman year. Provides opportunities to experience, analyze, and reflect upon the intellectual and spiritual benefits of direct community service. Includes readings and discussions of books devoted to the human search for meaning, and participation in a service project designed through the Centers for Service Learning. NOTE: Service learning component required.

**PC 244. COLLEGIATE EXPERIENCE SEMINAR II (I).** Follow up to PC 243. Introduction to college transition, academics and life for first generation college attendees during their freshman year. Provides opportunities to experience, analyze, and reflect upon the intellectual and spiritual benefits of direct community service. Includes readings and discussions of books devoted to the human search for meaning, and participation in a service project designed through the Centers for Service Learning. NOTE: Service learning component required.

**PC 260.E-W. PEER ASSISTANT TRAINING (0-2).** Includes an examination of psychological, educational and health concerns of college students. Emphasizes techniques and strategies for coping with life demands. Prerequisite(s): Permission of instructor.

**PC 390.E-W. FIELD EXPERIENCE (3).** Students broaden perspective regarding a specific career area, while developing competencies on the job. Students combine academic coursework with real life experiences in their work. Prerequisite(s): Approval of department chair and faculty sponsor. NOTE: Same as Internship 498 except that Field Experience can be taken by sophomores or second semester freshmen for elective credit only. A minimum of 120 hour of on-the-job experience required.

**PC 439. COMMUNITY-BASED LEARNING SYNTHESIS ACTION (1-3).** Students participating in international intercultural, experiential learning opportunities process and synthesize their learning, acting as agents for social change. NOTE: Permission of Instructor Required.

**PC 490E-W. INDEPENDENT STUDY IN LEADERSHIP STUDIES (3).** Upper division course in Leadership Studies developed conjointly with the advanced leadership studies student. Prerequisite(s): RCC 200, CCS 300, or CCS 400. Majors or minors only. Fee required.

**PC 498E-W. LEADERSHIP INTERNSHIP (1-3).** Through the Academic Internship Program and small group discussion, the Leadership Internship helps students apply the theories and models of leadership through a cycle of knowing, being, and doing through volunteer work at an off-campus organization. Prerequisite(s): RCC 200 or CCS 300 or CCS 400. Majors or

minors only. Approval of Program Director and Director of the Academic Internship Program required.

**PC 499. CAPSTONE: PUBLIC SCHOLARSHIP (3).** Public scholarship integrates many educational practices including volunteerism, experiential learning, civic engagement, and reflection through the application of scholarship. Steps include preparation (identifying a community partner), participation (field observation), executing research, and disseminating findings. Prerequisite(s): Leadership minor students only.

## PEACE AND JUSTICE STUDIES (PJ)

**PJ 200/PJ 200C. INTRODUCTION TO PEACE AND JUSTICE (3).** Introduce students to themes within the academic discipline of peace and justice studies. Discussion is focused on nonviolence in theory and practice, and includes interdisciplinary threads from history, philosophy, literature, religion, economics, and social analysis.

**PJ 400. FOUNDATIONS OF PEACE AND JUSTICE (3).** Provides an overview of conceptual approaches to the study of peace and justice. Examines the theory and practice of nonviolence, explores domestic and international social issues and uses case studies to discuss social change strategies. Prerequisite(s): PJ 200.

**PJ 401. RESEARCH AND WRITING IN THE COMMUNITY (3).** Practical introduction to community-based research methodologies and writing in peace and justice studies, including historical methods, news and other content analysis, data collection, field research, in-depth interviews, focus groups, and surveys. Prerequisite(s): PJ 200. NOTE: This is a writing-intensive course and includes community-based learning.

**PJ 402. ENGAGING THE COMMON GOOD (3).** Investigates core theories and practices underlying the concept of the Common Good. Analyzes how groups have sought to fulfill the Common Good and how these approaches underlie many current values based conflicts. Builds on these various approaches and culminates in academic research and community engagement to facilitate a process to bring about a particular Common Good issue.

**PJ 403. INTERNATIONAL LAW AND HUMAN RIGHTS (3).** Examines how International Law has become a process of normative regime-building that secures the inherent Human Rights of all people with the help of global monitoring, domestic education and law enforcement and international discourse through the UN system. Prerequisite(s): PLO 241, or POL 281. Cross listing: POL 404.

**PJ 404. CHRIST IN A CULTURE OF VIOLENCE (3).** Explores contemporary issues and values in U.S. society. Analyzes the culture of consumerism and violence in contrast to the gospel message. Focuses on nonviolent alternatives consistent with the life and teachings of Jesus. Prerequisite(s): RT 201.

**PJ 405. INTERPERSONAL CONFLICT STUDIES (3).** Examines conflict in a variety of human relationships. Explores conceptual and practical skills to analyze and manage conflicts including face-to-face and third-party negotiations. Prerequisite(s): COM 380 or permission of instructor. Cross listing: COM 405.

PJ 406. INTERCULTURAL COMMUNICATION (3). Using readings, film, field experience and/or dialogue, the course investigates cultural identity, meaning, patterns, relationships and conflicts that arise as contact increases between people of different cultures in our global society. Cross listing: COM 400.

PJ 409. LETRAS Y ARTE: LITERACY AND ART (3). Explores multiple literacies used to develop thinking and communication, with particular focus on elements of writing and the visual arts used in historical and contemporary contexts by artists and writers who convey positions on social justice issues. Visits to artists or authors are integral. Participants will instruct children from the local Latino community in visual art and writing.

PJ 410. MONEY, POWER, AND JUSTICE: A BIBLICAL PERSPECTIVE (3). Examination of money, power, labor, authority, and violence in the Bible and Christian tradition. Explores issues related to justice and social concerns as they apply to contemporary life and situations.

PJ 412. IMMIGRATION IN AMERICAN HISTORY (3). Examines the history of immigration into the United States from the early 19th century to the present. Explores federal policies, public debates surrounding the issue of immigration, and the social, economic, political consequences of immigration and the historical experiences of immigrants. Cross listing: HS 412.

PJ 413. STRATEGIES OF DIALOGUE (3). Examines the dynamics of group communication through theoretical lenses, explores some difficulties in negotiating high-stakes or emotional terrain, and practical approaches for imagining, conducting and participating in productive dialogues. Prerequisite(s): COM 380. Cross listing: COM 413.

PJ 414. DIVERSITY IN THE WORKFORCE (3). Examines changing roles of African Americans, Latinos, Asian Americans, physically disabled, and elderly. Focuses on the internationalization of the workforce with respect to peace and justice. Provides an extended case application of theories of organizational behavior and change with an eye on globalization. Prerequisite(s): Junior standing. Cross listing: BA 4314.

PJ 417. HINDU RELIGIOUS AND SOCIAL ISSUES (3). Provides an examination of Hindu scriptures, social and religious tradition, and the implications for social justice.

PJ 418. PEACE AND JUSTICE IN CATHOLIC SOCIAL THOUGHT (3). Studies the sources and influence of Catholic social teaching related to issues including human rights, poverty, economic justice, and war. Examines biblical and Church documents on justice and peace themes. Prerequisite(s): RT 201 and one 300-level RT course. NOTE: Junior Standing required. Service learning component required.

PJ 419E-W. THEMES IN CHRISTIANITY (3). Examines peace and justice themes in Christianity. Explores such themes historically (e.g., Biblical themes on peace and social justice) or analytically (e.g., contemporary Catholic or Christian thoughts in topics of peace and social justice). Prerequisite(s): RT 201.

PJ 421. 20<sup>TH</sup> CENTURY AMERICAN LABOR HISTORY (3). Provides an overview of the development of an industrial labor force in the United States. Focuses on gender, ethnicity and class, while tracing the historical influence and contributions of the working class in American history. Major themes include the

transformation of the organization of work, the everyday lives of workers, and the role of the government.

PJ 422. DIVERSITY IN THE U.S. SOCIETY (3). Introduces a critical analysis of diversity issues including racism, ethnic group status, and political movement for self-determination. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of the instructor required. Cross-Listing: CJ 422 and SO 422.

PJ 423. ORGANIZATIONAL COMMUNICATION (3). Surveys contemporary organizational communication theories and practices. Investigates issues such as diversity, participation, technology, corporate ethics, the environment, and globalization. Focuses on analyzing and critiquing current organizational practices and assumptions, with an aim toward increasing social justice and ethics. Prerequisite(s): COM 380 and Junior standing. Cross listing: COM 418.

PJ 424. EDUCATIONAL DISPARITY AND JUSTICE (3). Examines current issues in education including how disparity in school systems impacts children, teachers and communities in a democratic society. Focuses on: How do issues of inequity relate to democratic principles on which public education is founded, and does the system promote justice? Prerequisite(s): Junior Standing Required.

PJ 425. LITERATURE OF SOCIAL JUSTICE AND SOCIAL CHANGE (3). Integrates different types of disciplinary thinking across the genres of poetry, fiction, drama and film. Explicitly interdisciplinary, in the context of literary history, ethics/philosophy, justice theory, sociology, peace and justice studies, and history/history of social change. Prerequisite(s): Junior Standing Required.

PJ 426. FOOD JUSTICE (3). Explores our relationship with food through analysis of power, privilege, and culture. Learn ways to change the alienation, structural violence, and injustice experienced within dominant systems of food production and consumption. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: AN 412 and SO 412.

PJ 427. SOCIAL INEQUALITY (3). Provides a comparative examination of theoretical and ethnographic patterns of inequality in the United States and other countries. Prerequisite(s): SO 200 or SO 203 or permission of instructor required. Cross listing: SO 470.

PJ 430. THE DISCOURSE OF NON-VIOLENCE (3). The justification of violence on the grounds of its necessity, legitimacy, usefulness, and moral character is contrasted with the alternative's discourse of non-violence and its grounds of justification. The role each form of discourse plays in a theory of justice get official attention. Prerequisite(s): One 200-level Philosophy course. Cross listing: PL 430.

PJ 437. ENVIRONMENTAL JUSTICE: RACE AND CLASS (3). Explores how race and class intersect with natural disasters, toxic waste dumps, pollution, inadequate sanitation, pesticides, childhood lead poisoning and asthma epidemics, inequities in public transportation, and a wide range of ongoing social movements and success stories. Prerequisite(s): One 200-level Sociology or Anthropology course, or permission of instructor. Cross-listing: CJ 437, SO 437, and ENVS 437.

**PJ 431. FREEDOM MOVEMENTS AND HUMAN RIGHTS (3).** Studies three social movements in America: civil rights, women's, gay/lesbian. Examines issues of human rights through historical events, political context, literary and artistic expression, philosophical perspectives, and religious beliefs.

**PJ 432E-W. READING SEMINAR IN PEACE AND JUSTICE (3).** Introduces scholarly reading in the field of peace and justice studies. Prerequisite(s): PJ 200 and one 300-level English course.

**PJ 433. VIETNAM AND THE UNITED STATES (3).** Studies the long view of Vietnamese history including the Vietnam War and current relations with the U.S. Examines multiple perspectives from history, culture, literature, religion, politics, and economics by way of historical fiction, biographies, film, and local speakers. Note: Junior standing or completion of Distributive Core required. Cross-listing: POL 496F.

**PJ 437E-W. TOPICS IN ENVIRONMENT AND JUSTICE (3).** Explores historical and contemporary issues and problems as they relate to the intersection of justice and the environment. Prerequisite(s): Junior standing or completion of distributive core.

**PJ 438. UNITED STATES FOREIGN POLICY SINCE WORLD WAR II (3).** Reviews and evaluates the nature and conduct of U.S. foreign policy since 1945. Considers policies adopted by the U.S. to deal with the perceived international system, including intended outputs and actual outcomes of policy, and contemporary challenges. Prerequisite(s): POL 231 or POL 241. Junior or Senior standing required. Cross listing: POL 439.

**PJ 439. BLACK SOCIAL THOUGHT (3).** Focuses on African-American social thought and the West African influence from historical, political, sociological and cultural perspectives from pre-1492 to present day. Includes intensive pre-departure seminars, a two-week Ghanaian service-oriented field experience and service in Denver communities. Prerequisite(s): SO 200 or SO 204 or AN 204 or permission of instructor. Cross listing: SO 439. NOTE: Acceptance into the Tinansa Program required.

**PJ 440. GENDER, SEXUALITY, AND COMMUNICATION (3).** Explores connections between communication, gender, and sexuality in close relationships, organizations and the media. Course involves readings, dialogues, films, field trips, and group projects. Prerequisite(s): COM 380 or WGS 400 or permission of instructor. Cross listing: COM 440 and WGS 440.

**PJ 441. SUSTAINABLE COMMUNITIES (3).** Explores social, environmental, and economic issues that prevent and encourage more sustainable communities. Topics include transportation, sprawl, poverty, urban/wildlife interface, housing, population, consumption, municipal/toxic waste, community resources and empowerment, and a variety of proposed solutions from around the world. Prerequisite(s): SO 200 or SO 203 or permission of instructor required. Cross listing: ENVS 441 and SO 441.

**PJ 442. WOMEN IN CHRISTIANITY (3).** Explores diverse historical and contemporary voices of women in Christianity emphasizing gender relations, theological views of feminine and masculine identity, and how the commitment to gender justice transforms structures and groups within Christianity. Prerequisite(s): RT 201 or WGS 400.

**PJ 443. IMAGINING SOCIAL CAPITALISM (3).** Studies the symbiotic relationship between business and the liberal arts.

Focuses on how economic philosophies have shaped business, and how the evolution of industry has shaped business practices. Interprets interrelations of business and liberal arts concepts to see how both contribute to sustainable organizational environments. Prerequisite(s): Junior Standing Required.

**PJ 444. ECONOMICS OF POVERTY AND INEQUALITY (3).** Examines poverty, inequality, and discrimination in an economic context and explores the effectiveness of government policies designed to address associated inequalities. Consideration is given to the wealth gap, wage disparities, and capital access both within countries and between countries. Prerequisite(s): EC 3200 and EC 3300 or permission of instructor. Cross listing: BA 4144, EC 4144, and WGS 444.

**PJ 446. COMPARATIVE PUBLIC POLICY (3).** Provides a comparative examination of public policy in western industrialized nation-states emphasizing the interaction and interdependency of politics and economics. Evaluates basic issues of public policy including distribution, extraction and regulation focusing on identifying both the range of possible choices and the actual outcomes of adopted policies under a variety of circumstances. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4245 and ENVS 445 and POL 445.

**PJ 447. GLOBAL JUSTICE (3).** Explores aspects of global economic justice, and how it can be attained, through consideration of theoretical and practical issues in human rights and development. Cross listing: PL 448P. Prerequisite(s): One 200-level Philosophy course.

**PJ 449. COMPARATIVE FOREIGN POLICY (3).** Comparative description and evaluation of the foreign policies of a variety of contemporary nation-states, emphasizing systematic conditions, national priorities and objectives, and external outputs and outcomes. Future controversies and challenges will be identified, discussed, and evaluated. Prerequisite(s): POL 231, POL 241, POL 281 or permission of instructor. Junior class standing. Cross listing: POL 449.

**PJ 450. POLITICAL PHILOSOPHY (3).** Explores basic issues in political philosophy such as the relation of individual and society, freedom and authority and justice and equality. Considers the writings of political thinkers from Plato to Rawls. Prerequisite(s): One 200-level Philosophy course or permission of instructor. Cross listing: PL 450.

**PJ 451E-W. GLOBAL ISSUES IN PEACE AND JUSTICE (3).** Explores global issues through the lens of justice, peace building and social change. Prerequisite(s): PJ 200.

**PJ 452. PUNISHMENT AND CORRECTIONS (3).** Provides an historical, political, and economic analysis of the penal system in the United States. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: CJ 452 or SO 452.

**PJ 454. INTERNATIONAL POLITICAL ECONOMY (3).** Analyzes the interactions and interrelationships between political and economic factors at the global level. Factors include monetary management, trade, multinational corporations, foreign aid, cartels and debt. Considers Western and North-South systems. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4232 or ENVS 432 or POL 432.

**PJ 456. LIBERATION AND THE DYNAMICS OF TRANSFORMATION (3).** Explores the concept of liberation in the context of personal and social change through text, and fieldwork with agencies working for change in the Denver area. Prerequisite(s): PL 270 and Junior Standing or permission of instructor. Cross listing: PL 492X. NOTE: Junior standing or completion of Distributive Core required.

**PJ 457. TOPICS IN POLITICAL THEORY: ANCIENT THOUGHT (3).** Provides an intensive examination of the nature and aims of ancient political theory, related historical developments, major political thinkers, and significant topics of ancient western and non-western civilizations. Cross listing: PJ 482K or POL 482K. NOTE: Junior standing or permission of instructor required.

**PJ 460. SOCIAL MOVEMENTS (3).** Examines a variety of U.S. social movements from the 1950's through the present. Explores theoretical questions of how movements emerge, who joins them, the effect of various tactics, and the factors that contribute to a movements' success or demise. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: SO 460.

**PJ 461. JUSTICE: ECONOMIC SYSTEMS AND GENDER (3).** Focuses on early works that explore economic systems, the ways in which these systems have raised questions about justice and how these systems have affected the lives of women and men. Covers Locke, Smith, Marx, Pateman, Lerner and Dorothy Day. Also covers contemporary authors Rawls, Nozick, Young and Cudd. Pre-requisite(s): PL 270. Cross listing: PL 492J and WGS 485M.

**PJ 462. AMERICAN POLITICAL THEORY (3).** Provides an intensive study of selected issues of U.S. politics, emphasizing individual research projects. Includes preparation and presentation of a major research project. Cross listing: POL 496E. Prerequisite(s): Junior standing.

**PJ 463. PUNK AS SOCIAL MOVEMENT (3).** Analyzes the relationship between the punk community and modes of cultural resistance. Studies the rhetorical strategies employed by the punk community and various subcultures associated with punk rock (i.e. straight edge, riot grrrl and skinheads). Theoretically driven with punk as the object of analysis. Cross listing: COM 485K. Prerequisite(s): Sophomore standing.

**PJ 464. STAND UP AND FIGHT: COMMUNITY ORGANIZING (3).** Presents history, theory and strategies of community organizing in the United States, and experience of community organizing techniques by developing and implementing a community organizing project on the Regis campus or working with the local community organizers. NOTE: One 200-level sociology or anthropology course required for sociology major or minor. Cross listing: SO 464.

**PJ 466. JUSTICE AND ECONOMIC SYSTEMS IN PHILOSOPHICAL THOUGHT (3).** Examines economic justice as discussed by Adam Smith, Karl Marx, John Rawls, and Robert Nozick and others. Looks at the ways in which these thinkers are in conversation with one another, as well as the ways in which they touch on topics such as property, comparable worth, hunger, social choice, and government.

**PJ 468E-W. TOPICS IN JUSTICE/COMMON GOOD (3).** Explores topics central to the study of justice and the common

good, using an interdisciplinary and integrative approach. NOTE: Junior standing or completion of Distributive Core required.

**PJ 469. WAR IN CINEMA (3).** Examines and critiques representations of war in film from the perspectives of history, philosophy, and peace and justice studies. Emphasizes the four major war-film genres: patriotic, militaristic, realistic and anti-war. Cross listing: HS 469E and PL 492E.

**PJ 470. ECONOMIC DEVELOPMENT (3).** Studies various models/theories of economic development that traces a history of underdevelopment. Investigates the various barriers and problem areas in developing countries. Assesses possibilities, prospects, and policies for the future. Prerequisite(s): EC 3200. Cross listing: BA 4170, EC 4170, and ENVS 470.

**PJ 473. ENVIRONMENTAL ETHICS (3).** Examines the theories of value, justice, and gender and applies them to environmental problems such as sustainability, climate change, over-population, consumption and waste, and wilderness protection, with the goal of developing ethical and political responses to these problems. Prerequisite(s): One 200 Level Philosophy Course. Cross listing: PL 448J and ENVS 415.

**PJ 474. MODERN SLAVERY AND TRAFFICKING (3).** Modern Slavery and human trafficking in global perspective. Covers sex trafficking, bonded labor, forced labor, child soldiers, chattel slavery, and domestic servant slavery. Explores the role of the state, organized crime, the media, culture, corruption, and debates about prostitution. Includes testimonies by survivors research reports, theoretical essays, policy statements, expert testimonies, and videos. Prerequisite(s): SO 200 or PJ 400 or permission of instructor. Cross listing: SO 474 and CJ 474.

**PJ 475. GLOBALIZATION AND REVOLUTION (3).** Critical examination of economic, social and political instruments of globalization, revolution, and social change around the world. Prerequisite(s): SO 200 or permission of instructor. Cross listing: SO 475.

**PJ 476. LABOR IN THE AMERICAS (3).** Examines the history of labor and the working class in the United States with particular attention to the transnational nature of labor and laborers across national borders. Cross listing: HS 416.

**PJ 477. REVOLUTION IN THE MIDDLE EAST (3).** Explores the complex nature of revolution in the Middle East, particularly the Arab world, by examining a number of revolutionary movements from the late 1800s to the Arab uprisings of 2011-2012. Cross listing: HS 477.

**PJ 478. ECONOMIC POLICY, JUSTICE AND THE COMMON GOOD (3).** Uses readings in economics, philosophy and Catholic social teaching to evaluate economic theory and economic policies that address social ills (e.g., poverty, unequal income distribution, unequal access to health care.) Prerequisite(s): EC 200, EC 3200, or EC 3300. Cross listing: CAS 443 and EC 4243.

**PJ 482E-W. TOPICS IN POLITICAL THEORY (3).** Provides an intensive examination of the nature and aims of various forms of political theory, specific periods of political thought, major political thinkers or significant topics in political theory. Cross listing: POL 482E-W.

**PJ 483. BUSINESS AND TECHNICAL WRITING (3).** Working with nonprofit organizations and case studies, students will

practice writing business documents, web-based multimedia documentation, instructions, grant writing, fundraising, as well as considering the ethics of business writing. Prerequisite(s): RCC\*200 or permission of instructor. Cross listing: EN 480

PJ 484. VALUES-FOCUSED PUBLIC POLICY (3). Examines the policies and procedures utilized by government to improve economic performance. Explores the role that individual and community worldviews and commitments to justice have in defining appropriate state and federal regulatory action, with particular attention to the Catholic worldview and Catholic social thought. Areas of study include anti-trust, consumer protection, employment law, and environmental law. Prerequisite(s): EC 200 or EC 3200. Cross listing: BA 4384, EC 4384, and CAS 460G.

PJ 486. NEGOTIATION AND MEDIATION (3). Explores analysis, theory, and practice of negotiation and mediation. Develops skills and improves understanding through simulations, feedback, and written analysis. Prerequisite(s): PJ 405 or COM 380 and sophomore standing. Cross listing: COM 485G.

PJ 488. OIL AND WATER IN THE GREATER MIDDLE EAST (3). Focuses on the history and effects of water use and fossil fuel extraction in the arid climate zone from North Africa to Pakistan. Cross listing: ENV 486 and HS 486.

PJ 490E-W. INDEPENDENT STUDY IN PEACE AND JUSTICE (1-3). Offers independent exploration of areas of interest beyond the current curriculum.

PJ 495E-W. SELECTED TOPICS IN PEACE AND JUSTICE (3). Offers an opportunity to explore special topics such as nonviolent social change, regional conflicts, international violence and terrorism, and conflict resolution and management.

PJ 496. PEACE AND JUSTICE STUDIES PROJECT (4). The Peace and Justice Studies Project requires an Academic Internship with placement consistent with the primary area of concentration in the major; faculty advisor literature review; integrative demonstration illustrating area of concentration utilizing multiple perspectives; a reflective analysis essay; and public presentation of project. Capstone course for the Peace and Justice Studies major. Students will critically reflect on the Peace and Justice studies, read current books on peace and justice theory and fulfill requirements for an internship. Prerequisite(s): PJ 200 and Senior Standing.

PJ 498E-W. INTERNSHIP IN PEACE AND JUSTICE (3). Provides an intensive work experience appropriate to concerns for peace and justice. Prerequisite(s): PJ 400 and approval of program director required.

## PHILOSOPHY (PL)

PL 270/PL 270C. PHILOSOPHICAL EXPLORATIONS (3). An introductory course in philosophy which acquaints students with the range of questions and issues raised in both the philosophical tradition and contemporary thought. Engages students in a critical analysis and evaluation of different philosophical positions, including their own. NOTE: PL 270C is a course that carries a communication focus in the course assignments and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

PL 404. CLASSICAL GREEK PHILOSOPHY (3). Examines the origins of Western philosophical thinking in classical Greece. Traces the beginnings of metaphysical speculation and ethical reflection from the pre-Socrates to Plato and Aristotle. Prerequisite(s): One 200-level Philosophy course.

PL 406. LATER CLASSICAL PHILOSOPHY (3). Explores the movements of philosophy in the post-classical Greek and Roman periods with special emphasis on Stoicism, Epicureanism, and Neo-Platonism. Prerequisite(s): One 200-level Philosophy course.

PL 411. MEDIEVAL PHILOSOPHY (3). Explores Western philosophy from Augustine to the later Middle Ages. Prerequisite(s): One 200-level Philosophy course.

PL 417. THE EMERGENCE OF MODERNITY (3). Examines the significance and implications of the intellectual revolution in 17<sup>th</sup> century philosophical and scientific thought. Among the thinkers to be discussed may be Descartes, Galileo, Hobbes, Locke, and Newton. Prerequisite(s): One 200-level Philosophy course.

PL 418. THE PHILOSOPHY OF THE ENLIGHTENMENT (3). Explores the development of philosophy in the 18<sup>th</sup> century, often referred to as the period of Enlightenment. Among thinkers to be discussed may be Hume, Rousseau, and Kant. Prerequisite(s): One 200-level Philosophy course.

PL 419. 19<sup>TH</sup> CENTURY PHILOSOPHY (3). To what extent is reality, and hence our knowledge of reality, historical? Does history itself have an overall meaning? Explores these questions and others, in term of developments in philosophy during the 19<sup>th</sup> century. Thinkers discussed may include Hegel, Marx, Kierkegaard, and Nietzsche. Prerequisite(s): One 200-level Philosophy course.

PL 420. CONTEMPORARY CURRENTS (3). Summarizes key schools and movements on the contemporary philosophical scene. May emphasize analytic movement, phenomenology, existentialism and post modern movements. Prerequisite(s): One 200-level Philosophy course.

PL 428. 20<sup>TH</sup> CENTURY PHILOSOPHY: THE PHENOMENOLOGICAL TRADITION (3). Traces the evolution of Continental philosophy from pure phenomenology to existential-phenomenology and more recent developments. Among the thinkers to be discussed may be Husserl, Heidegger, Sartre, Camus, Foucault, and Derrida. Prerequisite(s): One 200-level Philosophy course.

PL 430. THE DISCOURSE OF NON-VIOLENCE (3). The justification of violence on the grounds of its necessity, legitimacy, usefulness, and moral character is contrasted with the alternative discourse of non-violence and its grounds of justification. The role each form of discourse plays in a theory of justice gets attention. Prerequisite(s): One 200-level Philosophy course or permission of instructor. Cross listing: PJ 430.

PL 433. ASIAN PHILOSOPHIES AND RELIGIONS (3). Surveys major religious traditions of Asia, including Hinduism, Buddhism, Confucianism, and Taoism, emphasizing understanding the world, the human and the Transcendent. Prerequisite(s): One 200-level Philosophy course or RT 201.

PL 435E-W. THEMES IN ASIAN PHILOSOPHIES AND RELIGIONS (3). Studies Asian religious traditions and attitudes, ancient and sacred scriptures, key historic figures, and

contemporary issues. May cover the traditions of Buddhism, Hinduism, Confucianism, and Taoism in more depth.

Prerequisite(s): One 200-level Philosophy course.

**PL 438. ETHICS (3).** Questions the foundation of ethical judgment. Examines key responses to this question and explores various issues (e.g. abortion, capital punishment and the socioeconomic order). Prerequisite(s): One 200-level Philosophy course.

**PL 440E-W. SELECTED TOPICS IN METAPHYSICS (3).** An in-depth study of a metaphysical topic(s) such as the nature of reality, the make-up of human beings (mind-body problem), notions of truth, the experience of God, etc. or of a prominent metaphysical thinker(s). Prerequisite(s): One 200-level Philosophy course.

**PL 441. THEORY OF KNOWLEDGE (3).** How does human knowing occur? What is the meaning of "meaning"? What is required for validation? What are the relationships among language, thought and reality? Deals with these questions in such a way as both to provide an historical perspective and to elicit a personal stand. Prerequisite(s): One 200-level Philosophy course.

**PL 442. PHILOSOPHY OF SCIENCE (3).** Studies origins, nature, and development of scientific knowledge. Includes scientific method and the status of scientific conclusion. Prerequisite(s): One 200-level Philosophy course.

**PL 443. PHILOSOPHY OF RELIGION (3).** Surveys philosophical discussions of religion and religious ideas from both a classical and contemporary perspective. Prerequisite(s): One 200-level Philosophy course or RT 201.

**PL 445. PHILOSOPHY OF ART (3).** Examines the good and the beautiful, the relation of the beautiful to the artistic and the scientific, and the growth of human, moral good. Prerequisite(s): One 200-level Philosophy course.

**PL 447. HEALTH CARE ETHICS (3).** Explores ethical issues in the field of health care, including euthanasia, the use of scarce resources, provider-client responsibilities, and fetal research. Prerequisite(s): One 200-level Philosophy course or permission of instructor.

**PL 448E-W. SPECIAL TOPICS IN ETHICS (3).** Offers an in-depth study of a particular ethical thinker(s) both classical (e.g., Aristotle or Hume or Kant) and contemporary (e.g., MacIntyre or Nussbaum or Murdoch) or of a particular moral problem (e.g., capital punishment, just war theory, social justice). Prerequisite(s): One 200-level Philosophy course.

**PL 450. POLITICAL PHILOSOPHY (3).** Explores basic issues in political philosophy such as the relation of individual and society, freedom and authority and justice and equality. Prerequisite(s): One 200-level Philosophy course or permission of instructor. Cross listing: PJ 450.

**PL 451. AMERICAN POLITICAL THEORY (3).** Examines the historical context, religious and secular bases, and contending political and economic theories that underlie a spectrum of American thought. "American" considers inclusively and compares the northern, central and southern America. Prerequisite(s): One 200-level Philosophy course, POL 281, PJ 200, or permission of instructor. Cross listing: PJ 482F and POL 483.

**PL 452. PHILOSOPHY OF LAW (3).** Explores various issues in the philosophy of law, such as the relation of law to morality, the relation of natural law to morality, the question of natural law, and the nature and purpose of human law. Prerequisite(s): One 200-level Philosophy course. Cross listing: CJ 456.

**PL 454E-W. PHILOSOPHY AND SOCIAL ISSUES (3).** Emphasizes philosophical analysis of contemporary social issues. May include war and morality, the nature of power and violence, philosophy and feminism, the social construction of human persons, etc. Prerequisite(s): One 200-level Philosophy course.

**PL 456E-W. PHILOSOPHY IN LITERATURE (3).** Explores the philosophical themes reflected in literature of specific authors and genres. Prerequisite(s): One 200-level Philosophy course.

**PL 457. TOPICS IN POLITICAL THEORY: ANCIENT THOUGHT (3)** Provides an intensive examination of the nature and aims of ancient political theory, related historical developments, major political thinkers, and significant topics of ancient western and non-western civilizations. Prerequisite(s): POL 281. Cross listing: PJ 482K and POL 482K. NOTE: Junior standing.

**PL 458. TOPICS IN POLITICAL THEORY: MODERN (3)** Provides an intensive examination of the nature and aims of modern and post-modern political theory, related historical and contemporary developments, major political thinkers, and significant topics of western and non-western modernity. Prerequisite(s): PJ 200 or one 200-level PL course. Junior standing. Cross listing: PJ 482L and POL 482L.

**PL 459. TOPICS IN POLITICAL THEORY: FEMINISM (3)** Provides an intensive examination of the nature and aims of feminist political theory, related historical and contemporary developments, major political thinkers, and significant topics of western and non-western gender in state and social affairs. Prerequisite(s): POL 281. Cross listing: PJ 482M and POL 482M.

**PL 460. CRITICAL THINKING (3).** Provides a basic logic course aimed at developing the capacity to think clearly and critically, detecting and dealing with fallacious reasoning, unclear or misleading language, and manipulative techniques in various forms of human communication. Prerequisite(s): One 200-level Philosophy course.

**PL 461. LOGIC AND INTUITION (3).** Explores and compares the nature and worth of logical and intuitional modes of thinking, and their relationship to life problems. Prerequisite(s): One 200-level Philosophy course.

**PL 470. FEMINIST THEORY (3).** Focuses on the striking emergence of feminist philosophy in the last half of the twentieth century. Studies the development of this movement, its impact on philosophy, and the changes it portends for future philosophizing. Emphasis may be on different approaches with feminist thinking (e.g., Anglo-American vs. French feminist writers) or on specific issues in feminist thought. Prerequisite(s): One 200-level Philosophy course or WGS 400. Cross listing: WGS 470.

**PL 486. PHILOSOPHICAL AND RELIGIOUS THEMES IN FILM (3).** Integrates interests in grammar and meaning of film with inquiries into the "big questions" that are abiding concerns of philosophy and religion. Prerequisite(s): One 200-level Philosophy course or RT 201. Cross listing: RT 465E.



**PL 490E-W. INDEPENDENT STUDY IN PHILOSOPHY (I-3).** Provides an opportunity for independent study in an area of philosophical interest. Prerequisite(s): One 200-level Philosophy course and approval of department chair.

**PL 491E-W. SELECTED THINKERS IN PHILOSOPHY (3).** Explores selected thinkers from ancient, medieval, modern, or contemporary periods of philosophy. Prerequisite(s): One 200-level Philosophy course.

**PL 492E-W. SELECTED THEMES IN PHILOSOPHY (3).** Offers an opportunity to explore special topics such as war and peace, human sexuality, creative imagination, technological culture based on historical, literary, religious, and philosophical contexts. Prerequisite(s): One 200-level Philosophy course.

**PL 494. PHILOSOPHICAL PRACTICUM (3).** Students will bring together their heads, their hearts, and their hands. Combines a variety of readings with a student-developed semester long project; projects might include service-learning, an internship, or another type of project that reflects a student's interests. Prerequisite(s): One 200-level Philosophy course and one 400-level Philosophy course.

**PL 498E-W. INTERNSHIP IN PHILOSOPHY (3).** Offers an opportunity to explore philosophy in its practical application to the various working areas or contemporary life and to reflect critically and constructively on the experience. Prerequisite(s): One 200-level Philosophy course and approval of department chair and director of the Academic Internship Program.

**PL 499. SENIOR CAPSTONE (3).** Critically examines issues that are determined to be most significant in the course of the major's philosophy program. Students may choose either a research track or a track leading to a comprehensive examination. Prerequisite(s): Philosophy majors and minors only. NOTE: To be taken at the end of a student's participation in the program.

## PHYSICAL EDUCATION (PE)

**PE 210. WEIGHT TRAINING (I).** Studies resistive exercise emphasizing individual programs from beginning through advanced levels. Offers instruction in the use of free weights and machines, different types of resistive exercises, correct technique for exercises and safety procedures in the weight room. Includes flexibility, anaerobic and aerobic exercises, and their importance in relation to resistive training.

**PE 217. ROCK CLIMBING I (I).** Introduces basic techniques and safety skills required for mountain climbing. Includes on-campus instruction and conditioning followed by four, off-campus rock climbing experiences. NOTE: Travel required.

**PE 220. ICE CLIMBING (I).** Introduces basic techniques and safety skills for ice climbing. Includes two on campus meetings with instruction followed by three off campus ice climbing experiences. NOTE: Travel required.

**PE 223. GOLF I (I).** Introduces basic swing, approach shots and putting for the novice or non-skilled golfer. Teaches rules, etiquette and course play followed by application of knowledge and skill through play at a local golf course. NOTE: Travel required.

**PE 237. ROCK CLIMBING II (I).** Provides advanced experience in rock climbing techniques. Emphasizes the safety aspects of the sport. Taught concurrently with PE 217. Prerequisite(s): PE 217. NOTE: Travel required.

**PE 315. BASIC BACKPACKING TECHNIQUES (2).** Introduces the sport of backpacking. Emphasizes topographic map reading, mountain survival skills, accident and illness prevention, food selection and preparation, clothing and equipment, individual and group backpacking skills. Includes three all-day hiking experiences. NOTE: Travel required.

**PE 325. NUTRITION: CONCEPTS AND CONTROVERSIES (2).** Examines the principles behind good nutritional choices. Includes the interaction of energy nutrients, vitamins, and minerals with the body's process, and the impact of harmful substances on these processes and weight control issues.

**PE 333. FIRST AID EMERGENCY RESPONSE (3).** Consists of recognizing and caring for victims of any age. Situations, which include breathing, choking, and cardiac emergencies, are examined. Studies the care of injuries such as cuts, burns, sprains, fractures, and sudden illnesses. Certification in First Aid, Adult, Child, and Infant CPR are offered.

**PE 401. WOMEN'S HEALTH ISSUES (3).** Focuses on the maintenance and promotion of women's health across the full spectrum of women's lives. Topics explore physiological, psychological, cultural, economic, sociological, and spiritual factors that influence women's health over the life span. Cross listing: HSC 401 and WGS 401. NOTE: For non-Nursing majors.

**PE 413. PRINCIPLES OF EXERCISE PERFORMANCE AND SPORT NUTRITION (3).** Designed for students interested in applying fitness principles into their daily lives. Offers the latest findings in exercise physiology and sport medicine, along with tools for self-assessment and guidelines for improving fitness levels.

**PE 418. WELLNESS: A PERSONAL COMMITMENT (3).** Studies the seven dimensions of wellness: occupational, environmental, physical, social, emotional, intellectual and spiritual wellness, developing an information base from which to make effective decisions. Prerequisite(s): Junior standing. Cross listing: ED 418.

**PE 420. OUTDOOR RECREATIONAL LEADERSHIP (3).** Includes instruction and practice of outdoor recreational and survival skills for the outdoor recreation enthusiast. Examines recreational facilities in terms of programming, management, and supervision.

**PE 424. WILDERNESS FIRST RESPONDER (3).** Training in decision-making and response to medical emergencies in remote settings. Special wilderness topics include wound management, infection, fractures, dislocations, splinting, spine immobilization, patient assessment, monitoring and long-term management.

**PE 425. PRINCIPLES OF COACHING (3).** Develops basic principles and philosophies of coaching, which can be applied to all sports. Includes psychology of coaching, principles of conditioning, techniques for training, applied theory and practice.

**PE 426. CARE AND PREVENTION OF ATHLETIC INJURIES (3).** Includes anatomical analysis of the human body and the potential for athletic injury. Includes diagnosing injuries, prevention and preseason and in-season training techniques, treatment and

rehabilitation processes. NOTE: Students may be responsible for additional course supplies.

**PE 437. SPORT ETHICS (3).** Challenges students to examine ethical issues in sport. Provides a historical and sociological perspective on the issues facing youth in interscholastic, intercollegiate, Olympic, and professional sports.

**PE 438. SPORT ADMINISTRATION (3).** Examines current trends and practices in management and administration. Explores areas in public relations, communication, law, and risk management.

**PE 490E-W. INDEPENDENT STUDY IN PHYSICAL EDUCATION (1-3).** Provides an opportunity for independent explorations of areas of interest. Prerequisite(s): Approval of department chair.

**PE 495E-W. SEMINAR IN PHYSICAL EDUCATION (1-3).** Offers seminars on current topics in areas of physical education.

**PE 496E-W. SEMINAR IN RECREATION (1-3).** Offers seminars on current topics in areas of recreation.

**PE 497E-W. SEMINAR IN COACHING (1-3).** Offers seminars on current topics in areas of coaching.

**PE 498E-W. INTERNSHIP IN PHYSICAL EDUCATION (3).** Provides an opportunity for an internship in physical education under the supervision of a department member. Prerequisite(s): Approval of department chair and director of the Academic Internship Program. NOTE: Internships may be taken in physical education (E), recreation (F), coaching (G), athletic training (H) and outdoor education (I).

## PHYSICS (PH)

**PH 202A. GENERAL PHYSICS WITH TRIGONOMETRY I (3).** Discusses fundamental concepts of motion, including Newton's Laws and the conservation of energy, momentum, and angular momentum. Focuses on the development of quantitative and qualitative problem-solving skills. Co-requisite: PH 205A. Prerequisite(s): MT 260 or equivalent or permission of instructor. NOTE: This course has been approved to satisfy the core Category II natural science with laboratory requirement when taken with PH 205A.

**PH 202B. GENERAL PHYSICS WITH TRIGONOMETRY II (3).** A continuation of PH 202A, focusing on electricity, magnetism, and waves. Includes an introduction to quantum mechanics. Co-requisite: PH 205B. Prerequisite(s): PH 202A.

**PH 205A. GENERAL PHYSICS WITH TRIGONOMETRY LABORATORY I (1).** Complements PH 202A, providing practical, hands-on experience primarily with experiments related to mechanics. Co-requisite: PH 202A. NOTE: One three-hour laboratory each week required.

**PH 205B. GENERAL PHYSICS WITH TRIGONOMETRY LABORATORY II (1).** Complements PH 202B, providing practical, hands-on experience primarily with experiments related to electricity, magnetism, and introductory modern physics. Co-requisite: PH 202B. NOTE: One three-hour laboratory each week required.

**PH 304A. GENERAL PHYSICS WITH CALCULUS I (3).** Discusses fundamental concepts of motion, including Newton's Laws and the

conservation of energy, momentum, and angular momentum. Focuses on the development of quantitative and qualitative problem-solving skills. Prerequisite(s): MT 360A. Co-requisite: PH 305A. NOTE: This course has been approved to satisfy the core Category II natural science with laboratory requirement when taken with PH 305A.

**PH 304B. GENERAL PHYSICS WITH CALCULUS II (3).** A continuation of PH 304A, focusing on electricity, magnetism, and waves. Includes an introduction to quantum mechanics. Co-requisite: PH 305B. Prerequisite(s): PH 304A.

**PH 305A. GENERAL PHYSICS WITH CALCULUS LABORATORY I (1).** Complements PH 304A, providing practical, hands-on experience primarily with experiments related to mechanics. Co-requisite: PH 304A.

**PH 305B. GENERAL PHYSICS WITH CALCULUS LABORATORY II (1).** Complements PH 304B, providing practical, hands-on experience primarily with experiments related to mechanics. Co-requisite: PH 304B.

**PH 408. ANALYTICAL MECHANICS AND SPECIAL RELATIVITY (3).** Reviews Newtonian mechanics. Introduces calculus of variations and the Lagrangian and Hamiltonian formulations. Describes collisions and oscillations, including normal modes of coupled systems. Introduces relativistic kinematics. Prerequisite(s): MT 363 and PH 304A.

**PH 410. ELECTRICITY AND MAGNETISM (3).** Studies Coulomb's law through the electromagnetic field of moving charge. Develops electrostatic fields in vacuum and in dielectrics, magnetic fields associated with constant and variable currents in vacuum and in magnetic materials, Maxwell's synthesis, and the propagation of electromagnetic waves in vacuum, in dielectrics and in good conductors. Prerequisite(s): MT 360C and PH 304B.

**PH 420. ELECTRONICS (4).** Discusses electronics and circuits. Includes AC and DC circuit analysis, physics of semiconductor devices, applications of transistors and operational amplifiers, and an introduction to digital logic and computer interfaces. Prerequisite(s): PH 202B or PH 304B, or permission of instructor. NOTE: One three-hour lab per week.

**PH 425. OPTICS WITH LABORATORY (4).** Reviews geometric optics and simple interference and diffraction phenomena. Introduces aberrations, Fresnel and Fraunhofer diffraction, the Michelson interferometer, circular and elliptical polarization, birefringence, and nonlinear crystals. Examines coherence; students build a laser cavity. Prerequisite(s): PH 304B. NOTE: One three hour laboratory each week.

**PH 451. MODERN PHYSICS LABORATORY AND SEMINAR (2).** Exploration of quantum and relativistic phenomena, application of statistical methods to experimental data, and discussion of ethical considerations in physics research. Prerequisite(s): PH 304B. NOTE: One hour of lecture/discussion and one three-hour laboratory session each week.

**PH 460. QUANTUM THEORY AND SPECTROSCOPY (3).** Formal development of the theory of quantum mechanics with applications to electronic, vibrational, and rotational structure of molecules, spectroscopic techniques, and chemical bonding. Prerequisite(s): CH 230 and PH 304B. Cross-listing: CH 430B.

PH 465. STATISTICAL MECHANICS AND THERMODYNAMICS (3). Application of statistical methods to explain the laws of thermodynamics. Includes discussion of temperature, multiplicity of states, entropy, Boltzmann factors, and the partition function, applied to systems including ideal gases, quantum gases, and solids. Prerequisite(s): PH 304A.

PH 470. INTRODUCTION TO ASTROPHYSICS (3). Reviews the observational bases of astrophysics, radiative properties of stars, stellar spectra, binary and variable stars, stellar interiors and evolution, and galaxies and cosmology. Includes observational work. Prerequisite(s): PH 304B. Cross-Listing(s): AS 470. NOTE: Recommended as a physics elective or following completion of general physics and calculus.

PH 475. PHYSICS CAPSTONE SEMINAR 1). Review of and reflection on the physics curriculum, including extensions of selected assignments completed in previous courses. Discussion of the ethical considerations faced by practicing scientists. NOTE: Majors only and senior class standing.

PH 490E-W. INDEPENDENT STUDY IN PHYSICS (1-4). Offers an opportunity for advanced independent research. Prerequisite(s): Approval of department chair. NOTE: Senior class standing and majors only

PH 498E-W. INTERNSHIP IN PHYSICS (3). Involves placement of advanced physics students in industry, government or other agencies. Faculty approval, supervision, and evaluation of students' work required. Prerequisite(s): PH 451 NOTE: Majors only and approval of department chair required

## POLITICS (PL)

POL 200. SUSTAINABILITY AND COLLAPSE (3). Takes an evidence-based, case study, theoretical and integrative approach to the challenge of sustainability across world history. Draws on disciplines of history, politics, and international studies. Cross-Listing(s): HS 200.

POL 201. ORIGINS AND CHALLENGES OF THE MODERN WORLD (3). Takes an evidence based, case study, theoretical, and integrative approach to underlying origins and present challenges of the modern world. Draws on disciplines of history, politics, and international studies. Cross listing: HS 201.

POL 231. INTRODUCTION TO INTERNATIONAL RELATIONS (3). Evaluates the elements, relationships, issues, and problems of contemporary international relations. Includes national systems, superpower relations, diplomacy, war, international organizations, arms control, North-South relations, and interdependency.

POL 241. INTRODUCTION TO COMPARATIVE POLITICS AND GOVERNMENT (3). Compares and evaluates power, policy, politics, and government in contemporary nation states. Includes political culture and socialization, governmental structures and performance in political systems.

POL 255. DEMOCRACY AND DEVELOPMENT IN TAIWAN: HISTORY AND POLITICS IN A GLOBAL POWERHOUSE (3). Explores the forces that have shaped contemporary Taiwan through an interdisciplinary approach that places Taiwan's

development in historical perspective as part of larger developments in East Asia and the world. Cross-listing: HS 255.

POL 281/POL 281C. INTRODUCTION TO POLITICAL PHILOSOPHY (3). Introduces a variety of philosophies and alternative visions of social organization, politics, government, economics, peace, and justice. Examines underlying assumptions, propositions, and potential implications of particular political attitudes, processes and policies.

POL 400. CONSTITUTIONAL LAW (3) Comparative analysis of the US Constitutional legal system to other systems, with a primary focus on the US system. Covers a standard undergraduate law text. Prerequisite(s): POL 281, POL 241, POL 231, or permission of instructor. NOTE: Junior or Senior standing or permission of instructor required.

POL 403. COURTS AND THE JUDICIAL PROCESS (3). Explores administration of justice, emphasizing United States systems. Focuses on judicial decision-making and procedures in federal and state judicial systems. Prerequisite(s): Junior standing or permission of instructor required. Cross listing: CR 403.

POL 404. INTERNATIONAL LAW AND HUMAN RIGHTS (3). Examines how International Law has become a process of normative regime-building that secures the inherent Human Rights of all people with the help of global monitoring, domestic education and law enforcement and international discourse through the UN system. Prerequisite(s): POL 241, or POL 261. Cross listing: PJ 403.

POL 406. JUST AND SUSTAINABLE DEVELOPMENT (3). Integrates knowledge of development practice and theory from the perspective of communities, states, and the global system. Builds on community-based models of just and sustainable development success. Interdisciplinary, drawing on health, environment, politics, business and law. Prerequisite(s): POL 231, POL 241, or POL 281. Cross listing: ENVS 416 NOTE: Junior standing or completion of Distributive Core required.

POL 413. UNITED STATES ELECTIONS AND POLITICAL BEHAVIOR (3). Examines U.S. elections in the context of the political arena. Emphasizes political parties, special interest groups, voting behavior, and campaign strategies. Prerequisite(s): Junior standing or permission of instructor required.

POL 415. BALANCING POWER (3). Examines institutions, functions, relations, and powers of Executive, Legislative and Judiciary coordinate branches of the US federal government, and countervailing federalist powers. Case studies of leading models of the Presidency, Congress, and Supreme Court. Prerequisite(s): POL 231, POL 241, or POL 281.

POL 417. URBAN-RURAL POLITICS (3). Covers urban and rural conflicts of interest which pervade the politics of nation-states. Compares and contrasts US regional issues with those concerns of other nation-states where cities and agricultural communities contend over power, infrastructure, and values. Prerequisite(s): POL 231, POL 241, or POL 281.

POL 420. ENVIRONMENTAL POLITICS (3). Uses four case studies of environmental progress to drive analysis of local, regional, national, and global levels of dealing with change and conservation. Examines civil society, state and UN system approaches to building environmental norms that shape policy and

legislation. Prerequisite(s): POL 231, POL 241, or POL 281. Cross-listing ENV5 420. Junior standing or permission of instructor.

**POL 432. INTERNATIONAL POLITICAL ECONOMY (3).** Analyzes the interactions and interrelationships between political and economic factors at the global level. Factors include monetary management, trade, multinational corporations, foreign aid, cartels, and debt. Considers Western and North-South systems. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4232, ENV5 432 and PJ 454.

**POL 439. UNITED STATES FOREIGN POLICY SINCE WORLD WAR II (3).** Reviews and evaluates the nature and conduct of U.S. foreign policy since 1945. Considers policies adopted by the U.S. to deal with the perceived international system, including intended outputs and actual outcomes of policy, and contemporary challenges. Prerequisite(s): POL 231 or POL 241. Junior or Senior standing or permission of instructor required. Cross listing: PJ 438.

**POL 445. COMPARATIVE PUBLIC POLICY (3).** Provides a comparative examination of public policy in western industrialized nation-states emphasizing the interaction and interdependency of politics and economics. Evaluates basic issues of public policy including distribution, extraction, and regulation focusing on identifying both the range of possible choices and the actual outcomes of adopted policies under a variety of circumstances. Prerequisite(s): EC 200 or EC 3200. Cross listing: EC 4245 or ENV5 445 or PJ 446. NOTE: Junior or Senior standing required.

**POL 449. COMPARATIVE FOREIGN POLICY (3).** Comparative description and evaluation of the foreign policies of a variety of contemporary nation-states, emphasizing systematic conditions, national priorities and objectives, and external outputs and outcomes. Future controversies and challenges will be identified, discussed, and evaluated. Prerequisite(s): POL 231, POL 241, or POL 281. Cross listing: PJ 449. NOTE: Junior standing required.

**POL 451. ENVIRONMENT AND INTERNATIONAL SECURITY (3).** Describes and evaluates environmental processes and conditions that affect contemporary and future international and human security. Examines causes, forms, and consequences of environmental scarcity and degradation. Prerequisite(s): POL 231 or POL 241. Cross listing: ENV5 425.

**POL 481. THEORIES OF INTERNATIONAL RELATIONS (3).** Explores primary theoretical approaches to understanding international relations, including individual, state, and systemic levels of analysis, analyzed from realist, idealist, and radical perspectives. Compares and analyses theories by their assumptions, major assertions, and empirical manifestations and implications for present and future international relations. Prerequisite(s): POL 231, POL 281, POL 241, or equivalent. NOTE: Junior or Senior standing required.

**POL 482E-W. TOPICS IN POLITICAL THEORY (3).** Provides an intensive examination of the nature and aims of various forms of political theory, specific periods of political thought, major political thinkers, or significant topics in political theory. Cross listing: PJ 482E-W. NOTE: Junior or Senior standing required.

**POL 483. AMERICAN POLITICAL THEORY (3).** Examines the historical context, religious and secular bases, and contending political and economic theories that underlie a spectrum of

American thought. "American" considers inclusively and compares the northern, central and southern America. Prerequisite(s): One 200-level Philosophy course, POL 281, PJ 200, or permission of instructor. Cross listing: PJ 482F and PL 451.

**POL 490E-W. INDEPENDENT STUDY IN POLITICS (1-3).** Offers an opportunity for independent exploration of areas of interest under the supervision of department member. Prerequisite(s): Approval of department chair.

**POL 493E-W. SEMINAR IN INTERNATIONAL POLITICS (3).** Provides an intensive study of selected issues and problems of international politics, emphasizing individual research interests. Includes preparation and presentation of a major research project. Prerequisite(s): POL 231 or POL 241. Junior standing.

**POL 494E-W. SEMINAR IN COMPARATIVE POLITICS (3).** Provides an intensive study of selected issues, problems, and regions in comparative politics, emphasizing individual research interests. Includes preparation and presentation of a major research project. Prerequisite(s): POL 231 or POL 241. Junior standing.

**POL 495E-W. SEMINAR IN POLITICS (3).** Provides an intensive study of selected topics, issues, or problems in political science. Includes preparation and presentation of a major research project. Prerequisite(s): Junior standing.

**POL 496E-W. SEMINAR IN UNITED STATES POLITICS (3).** Provides an intensive study of selected issues of U.S. politics, emphasizing individual research projects. Includes preparation and presentation of a major research project. Prerequisite(s): Junior standing.

**POL 497. VOCATION OF LAW CAPSTONE (3).** Provides pre-law minors the opportunity to study and consult closely with their professor, pre-law advisor, and practitioners of law in preparation for graduate studies and diverse vocations related to the practice of law. Prerequisite(s): Junior or Senior standing. Enrollee's should have substantially completed all other pre-law minor requirements.

**POL 498E-W. INTERNSHIP IN POLITICS AND LAW (3).** Offers an opportunity for placement in a governmental organization or private institution involved in political processes. Progress is guided and monitored by the site supervisor and the faculty sponsor. Site selection emphasizes the best combination of prior academic learning and on-the-job experience. Prerequisite(s): Junior or Senior standing. Approval of Departmental Chair and director of Academic Internship Program.

**POL 499. INTEGRATED CAPSTONE (3).** Draws on historiography and theory from disciplines of History and Politics. Students complete a summative research writing with advising from History and Politics faculty. Prerequisite(s): Senior standing. Cross Listing(s): HS 499.

## PSYCHOLOGY (PY)

**PY 250/PY 250C/PY 250H. GENERAL PSYCHOLOGY (3).** Introduces the science of behavior and mental processes through a systematic study of representative areas of psychology. NOTE: PY 250C is a course that carries a communication focus in the

course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

**PY 358 LIFESPAN HUMAN DEVELOPMENT (3).** Studies biological, psychological and social factors in human development from conception to later adulthood. Prerequisite(s): PY 250.

NOTE: Recommended for Nursing majors. Does not meet Psychology major Group A requirements.

**PY 401. ADVANCED NEUROSCIENCE METHODS (1).**

Emphasizes current neuroscience laboratory research techniques including cellular and molecular techniques, drug effects, brain lesions, histology, microscopy, and behavioral tests for assessing brain-behavior functions in non-human nervous systems.

Prerequisite(s): NS 260 or permission of instructor. Cross listing: NS 401.

**PY 404. EDUCATIONAL PSYCHOLOGY (3).** Explores the core principles and theories of learning and instruction which have evolved through research in the fields of education and psychology. Major topics include: current theories of neuroscience, learning and cognitive development, academic motivation, social and emotional development, and assessment. Prerequisite(s): PY 250.

**PY 410. NEUROLOGICAL DISORDERS (3).** Applies a biopsychosocial approach to understanding brain-behavior relationships through the study of diseases of the nervous system. Prerequisite(s): NS 260, BL 260, and BL 262. Cross listing: NS 410. NOTE: A background in neuroscience or psychology, while helpful, is not essential for this course.

**PY 418. INDUSTRIAL AND ORGANIZATIONAL**

**PSYCHOLOGY (3).** Studies principles of psychology as applied to selected problems in the area of business and industry. Prerequisite(s): PY 250.

**PY 419. RESEARCH METHODS (3).** Considers methods and procedures of modern experimental psychology. Co-requisite: PY 420. Prerequisite(s): PY 250 and MT 272. NOTE: Permission of instructor or advisor required.

**PY 420. RESEARCH METHODS LABORATORY (1).** Provides an opportunity for completion of individual projects related to appropriate experimental and statistical design. Co-requisite: PY 419. NOTE: Permission of instructor or advisor required. One three-hour laboratory each week required.

**PY 422. RESEARCH METHODS AND BEHAVIORAL STATISTICS I (3).** First of a two-semester sequence integrating statistics and research methods. Covers experimental design and statistics, and includes an individual research project. Prerequisite(s): PY 250. NOTE: It is recommended students take this course in their Sophomore or Junior year. Must pass with a C- or better to be eligible to take PY 423 and PY 424. PY 423 and PY 424 should be taken consecutively with this course.

**PY 423. RESEARCH METHODS & BEHAVIORAL STATISTICS II (3).** Second of a two-semester sequence integrating statistics and research methods. Covers experimental design and statistics, and includes an individual research project. Prerequisite(s): PY 422. Co-requisite(s): PY 424. NOTE: Must pass PY 422 with a C- or better prior to enrolling. PY 423 should be taken in a consecutive semester with PY 422.

**PY 424. RESEARCH METHODS & BEHAVIORAL STATISTICS LABORATORY (1).** Provides an opportunity for completion of individual research projects related to appropriate experimental and statistical design. Prerequisite(s): PY 422. Co-requisite(s): PY 423.

**PY 425. PSYCHOSOCIAL ASPECTS OF HEALTH (3).** Examines the influence of psychological and social variables on health and activity participation. Focuses on stress management, motivation, adherence, access, barriers, and support systems across the lifespan. Prerequisite(s): HES 210 PY 250. NOTE: Permission of instructors required for all non-majors. Cross listing: HES 418.

**PY 434. BEHAVIORAL GENETICS (3).** Focuses on how genetics can add to our understanding of complex human behaviors, including cognition, language, emotion, and personality. Topics will include key behavioral genetic methodologies, evolutionary psychology, the psychology of individual differences including cognitive disabilities and psychological disorders, and the social and ethical implications of genetics research. Prerequisite(s): PY 250. Cross listing: NS 434.

**PY 441. SOCIAL PSYCHOLOGY (3).** Studies social behavior including the social self; attribution theory; attitude formation and change; attraction, love and intimacy; aggression and altruism; and conformity and obedience. Prerequisite(s): PY 250.

**PY 442. LEARNING AND MEMORY (3).** Introduces basic concepts, methods and results of experimental analysis of learning and memory in humans and nonhuman animals. Includes classical and operant conditioning, discrimination learning processes underlying encoding, storage, and retrieval of information in memory, and other cognitive processes. Co-Requisite(s): PY 443. Prerequisite(s): PY 250.

**PY 443. LEARNING AND MEMORY LABORATORY (1).** Involves laboratory experiments with animal and human subjects and the preparation of reports on these experiments. Co-requisite(s): PY 442.

**PY 445. SMALL GROUP COMMUNICATION (3).** Provides a comprehensive overview of psychological group theories and empirical findings, emphasizing the principles of group dynamics. Includes group projects and classroom simulations. Prerequisite(s): COM 380 or PY 250. Cross listing: COM 414.

**PY 450. PSYCHOLOGY OF GENDER (3).** Explores the psychological perspectives on gender, including the social, behavioral, cognitive, and biological basis of gender, sexuality, and gender identity. Students will critically assess psychological research on gender and its implications for researchers, practitioners and the common good. Prerequisite(s): PY 250 or WGS 400. Cross listing: WGS 450.

**PY 452. PSYCHOLOGICAL TESTING AND ASSESSMENT (3).** Introduces psychological and educational concepts in testing. Includes reliability, validity, standardization, and administration. Emphasizes appropriate selection, use, and interpretation of tests. Prerequisite(s): PY 250. NOTE: MT 270 or MT 272 recommended, but not required.

**PY 453. CLINICAL AND COUNSELING PSYCHOLOGY (3).** Considers theory and application of basic therapeutic techniques to bring about behavioral change. Covers selected theoretical viewpoints and techniques. Prerequisite(s): PY 250.

**PY 454. COGNITIVE PSYCHOLOGY (3).** Focuses on psychological processes such as attention, memory, concept formation, problem solving, and language. Examines current research data, theories, and applications. Prerequisite(s): PY 250.

**PY 459. DEVELOPMENTAL PSYCHOLOGY: CHILD (3).** Studies biological, psychological, and social factors in human development from conception to puberty. Prerequisite(s): PY 250.

**PY 460. DEVELOPMENTAL PSYCHOLOGY: ADOLESCENCE (3).** Studies biological, psychological, and social factors in human development during adolescence and young adulthood. Prerequisite(s): PY 250.

**PY 461. DEVELOPMENTAL PSYCHOLOGY: ADULTHOOD AND AGING (3).** Studies biological, psychological, and social factors in human development during adulthood and later years. Prerequisite(s): PY 250.

**PY 462. BEHAVIOR AND STRESS MANAGEMENT (3).** Examines current techniques in the treatment of behavioral and physiological problems. Includes stress management, relaxation therapy, biofeedback, desensitization, assertiveness training, cognitive therapies, modeling and other behavioral management techniques. Prerequisite(s): PY 250.

**PY 465. CROSS CULTURAL PSYCHOLOGY (3).** Emphasizes psychological research and theory used to understand difference and similarities in human behavior and mental processing across cultures and between groups. Topics may include: motivation, emotion, cognition, communication, acculturation, self-identity, social and moral development. Prerequisite(s): PY 250.

**PY 466. PSYCHOPHARMACOLOGY (3).** Examines relationships between brain functions and major psychoactive drugs, including drugs used to treat psychological and neurological disorders. Includes an analysis of the cellular and physiological effects of each drug on neuronal functioning as well as psychological functioning. Prerequisite(s): NS 260 and BL 261 and BL 262 or permission of instructor required. Cross listing: NS 466.

**PY 467. HUMAN SEXUALITY (3).** Focuses on the physiological, behavioral, cognitive, and social aspects of human behavior as related to human sexuality using a multidisciplinary and life-span approach. Topics include physiology, communication, gender, development, orientation, violence, the marketplace, culture, religion, and health. Prerequisite(s): PY 250 or WGS 400. Cross listing: WGS 467.

**PY 470. PSYCHOLOGY OF PERSONALITY (3).** Studies theories of development and organization of personality including representative examples of classical and modern theories. Prerequisite(s): PY 250.

**PY 471. ABNORMAL PSYCHOLOGY (3).** Uses the biopsychosocial model as the basis for explaining the cause, understanding, and treatment of mental disorders. Emphasizes common disorders encountered in clinical practice and specific criterion necessary for making a diagnosis. Prerequisite(s): PY 250.

**PY 482. SENSATION AND PERCEPTION (3).** Introduces the physiological and psychological processes underlying basic sensory and perceptual experience. Emphasizes psychophysical relationships established for the different sense modalities and theoretical interpretations of the sensory data. Prerequisite(s): PY 250. Cross listing: NS 482.

**PY 484. FORENSIC PSYCHOLOGY (3).** Provides a critical analysis of the law, focusing on the criminal justice system in our society. Emphasizes the psychological, social, and cultural factors that influence the criminal justice system, and the use of behavioral science techniques. Prerequisite(s): PY 250 or SO 200. Cross listing: CJ 415.

**PY 485. FUNCTIONAL NEUROPHYSIOLOGY AND NEUROANATOMY (3).** Explores the functional significance of neural physiology and connectivity, including effects related to neural development, how nerve cells communicate with one another, how patterns of neural interconnections give rise to different perceptual, cognitive, and motor responses, and how neural communication is modified by experience. Co-requisite: PY 486. Prerequisite(s): NS 260 and BL 260 and BL 262, or permission of instructor. Cross listing: NS 485 and BL 485.

**PY 486. NEUROPHYSIOLOGY AND NEUROANATOMY LABORATORY (1).** Involves laboratory experiments and computer simulations of neural functions as well as gross dissection, and histological study of Neuroanatomy. Co-requisite: PY 485. Cross listing: NS 486 and BL 486. NOTE: One three-hour laboratory per week.

**PY 487. NEUROPSYCHOLOGY (3).** Studies the physiological and neuropsychological correlates of behavior. These include but are not limited to neural systems regulating motivation, emotion, learning, and the neuropsychological bases of cognitive processes. Physiological and psychological responses to brain injury are also examined. Prerequisite(s): NS 260. Cross listing: NS 487.

**PY 488. NEUROPSYCHOLOGY LABORATORY (1).** Emphasizes current research techniques and neuropsychological methods for assessing cognitive functions in humans, with an emphasis on assessment of the neurobehavioral impact of cerebral lesions. Co-requisite: PY 487. Cross listing: NS 488.

**PY 490E-W. INDEPENDENT STUDY IN PSYCHOLOGY (1-3).** Offers an opportunity for advanced study in psychology under the direction of a department faculty member. Prerequisite(s): PY 250, permission of instructor, Junior standing, and approval of department chair required.

**PY 491E-W. RESEARCH IN PSYCHOLOGY (1-3).** Offers an opportunity for collaborative research in psychology under faculty direction. Requires oral or poster presentation. Prerequisite(s): PY 250. Approval of department chair required.

**PY 493. SENIOR CAPSTONE (2).** Provides the culminating experience of the major, focusing on integration and application of theory. Must be completed as graded coursework at Regis University. Prerequisite(s): PY 250, Majors only and Senior standing.

**PY 496E-W. SPECIAL TOPICS IN PSYCHOLOGY (3).** Studies selected topics in psychology through lecture presentation and research projects. Prerequisite(s): PY 250

**PY 497E-W. RESEARCH INTERNSHIP IN PSYCHOLOGY (3).** Focuses on student participation in on-going placement setting approved by the designated faculty member supervising internships within the Department of Psychology and Neuroscience. NOTE: Approval of director of Academic Internship Program and departmental internship coordinator required.

PY 498E-W. INTERNSHIP IN PSYCHOLOGY (3). Involves placement in a clinical or research agency for advanced psychology students. Prerequisite(s): Approval of department chair and director of the Academic Internship Program.

PY 499. SENIOR THESIS (2). Students meet with the thesis advisor to prepare for the defense of the research before a panel of faculty, to present the research in a public forum, and to submit a final thesis that conforms to APA guidelines and is approved by the faculty examination committee. Prerequisite(s): PY 491E-W and approval of department chair required.

## RELIGION AND THEOLOGY

RT 201/RT 201C. RELIGION AND THE HUMAN QUEST (3). Considering human existence in relation to "the sacred" and drawing on Eastern and Western religious traditions, this course explores religious perspectives on human question about life, suffering, goodness, and ultimacy. NOTE: RT 201C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

RT 201H. HONORS RELIGION AND THE HUMAN QUEST (3). Cultivates curiosity about what it means to be human in the fact of the sacred, the ultimate, the mystery of existence, and how different people historically have understood this. Develops and enhances ability to evaluate critically various approaches to existential and social questions about meaning, suffering, goodness, and ultimacy. NOTE: Honors students only.

RT 301. IN THE BEGINNING: BIBLE AND BELIEF (3). Introduces the study of the Old and New Testaments. Examines the historical background of the texts and what its authors have to say to people today on important religious questions, such as the nature of God, human beings, and the world in which we live, and what it means to live a whole, purposeful life. Prerequisite(s): RT 201/RT 201C.

RT 302. FAITH AND JUSTICE IN WORLD CHRISTIANITY (3). Examines how the enculturation of Christianity in different times and places produces distinctive beliefs about Jesus and engages the pursuit of justice in the context of religious and cultural injustice. Prerequisite(s): RT 201/RT 201C.

RT 303. MYSTICS, SAINTS AND RADICALS (3). Explores questions about God, and such topics as suffering, justice, and salvation through the lenses of various traditions of spiritual discipline using examples from ancient to modern spiritual writers. Prerequisite(s): RT 201/RT 201C.

RT 304. CATHOLIC MORAL TRADITION (3). Addresses questions about the human person, happiness, and the good life by employing the concept of virtue and a picture of human fulfillment in terms of virtues. Focuses on how Christian faith transforms the virtues and how the virtues can serve as a bridge between Jesus and contemporary Christians. Prerequisite(s): RT 201/RT 201C.

RT 305. BELIEF AND UNBELIEF (3). Explores questions of belief and doubt from Christian and secular perspectives, for example, regarding science, philosophy, and the experience of suffering. Prerequisite(s): RT 201/RT 201C.

RT 306. JESUIT SPIRITUALITY (3). Study of the spirituality of Saint Ignatius Loyola (founder of the Jesuits) and its relevance for contemporary spirituality. Topics include prayer, discernment, meaning and vocation. Prerequisite(s): RT 201/RT 201C.

RT 307. CATHOLIC SOCIAL JUSTICE (3). Examines the living tradition of Catholic social thought with respect to social and economic justice, war and peace, and other major issues and themes. Prerequisite(s): RT 201. NOTE: May include a community and/or service learning component.

RT 308. CATHOLIC CHRISTIANITY (3). An interdisciplinary investigation of the foundational sources of Catholic Christianity emphasizing historical development of the tradition and academic approaches to expressions of that development such as biblical literature, sacramental and liturgical practice, official church teachings (especially Vatican Council II), and Christian mission in the modern world. Prerequisite(s): RT 201/RT 201C. Cross Listing: CAS 308.

RT 309. WESTERN SPIRITUAL PATHS (3). Investigates some of the traditions, practices and ways of life that shape spiritual paths in Christianity, Judaism and Islam in the west. Areas of study will include monasticism, pilgrimage, law and mysticism. Prerequisite(s): RT 201.

RT 310. SCIENCE AND RELIGION (3). An investigation into the relationship between science and religion including its history as well as its different possibilities, e.g., conflict, independence and dialog. Considers the implications of science for religious values and vice versa. Prerequisite(s): RT 201/RT 201C.

RT 311. PSYCHOLOGY AND RELIGION (3). Explores the relationships between psychology and religion with a particular emphasis on the psychological study of Christian traditions, beliefs and experiences. Prerequisite(s): RT 201/RT 201C.

RT 312. RELIGION IN POST MODERN AGE (3). Explores the collapse of the Modern age, the emergence of Postmodernism and the impact of these developments on religion in general and Christianity in particular. Prerequisite(s): RT 201/RT 201C.

RT 313. CHRISTIAN LOVE AND MARRIAGE (3). Investigates the nature of Christian love focusing on the Christian understanding of marriage. Prerequisite(s): RT 201.

RT 314. FAITH AND HEALING (3). Explores the complex role faith plays in the healing process, including the ways that people rely on religious beliefs and practices to cope with illness and disability. Prerequisite(s): RT 201/RT 201C.

RT 315. LATINO/A CATHOLICISM (3). Explores Latino/a Christian experience in the United States, its culture, theology, and spirituality in the context of the Catholic Church. Includes visits to local events and worship sites. Prerequisite(s): RT 201/RT 201C.

RT 316. THEOLOGY AND SEXUALITY (3). Explores historical and theological understandings of sexuality, intimacy, relationships, and the body. Prerequisite(s): RT 201/RT 201C.

RT 317. CHRISTIAN NONVIOLENCE (3). Examines the thought and practice of Christian nonviolence and its relevance for the contemporary world. Prerequisite(s): RT 201/RT 201C.

RT 318. THE GOSPELS (3). Investigates the early Christian gospels (both canonical and non-canonical) with particular interest

in a variety of views about who Jesus was/is and their implications for the understanding of the development of early Christianity. Prerequisite(s): RT 201/RT 201C.

RT 319. THEOLOGY OF VOCATION (3). Explores historical and contemporary Christian understandings of calling and purpose in human life, with special attention to discipleship, discernment, and service to others. Prerequisite(s): RT 201,

RT 320. THEOLOGY, POLITICS, AND RELIGION IN A GLOBAL AGE (3). Examines the place of political theology within the Christian tradition, the role of religion in America, and the impact of the resurgence of religion within today's global political context. Prerequisite(s): RT 201.

RT 321. SUFFERING AND CHRISTIAN LIFE (3). Life abounds with questions about why there is suffering, what meaning suffering might have, and how to deal with the suffering around us. Explores biblical, traditional, and contemporary Christian responses to these questions. Prerequisite(s): RT 201 or RT 201C.

RT 322. CATHOLIC ENVIRONMENTAL JUSTICE (3). Examines the call to work for environmental justice, especially through the lens of Catholic Social Teaching and Pope Francis' *Laudato Si*. Through required service learning, students will make an impact in the local community. Prerequisite(s): RT 201 or RT 201C. NOTE: Course requires a service learning component.

RT 323. CATHOLIC IMAGINATION IN LITERATURE AND FILM (3). Explores characteristically Catholic ways of imagining the world and wrestling with important human questions through literature and film. Prerequisite(s): RT 201. Cross-listing: CAS 323.

RT 324. INTERFAITH CASES IN AMERICAN RELIGION (3). Explores case studies in which religious, spiritual, and worldview differences affect public spaces, such as in health care, education, and business. Student gain skills and knowledge necessary to become interfaith leaders in their chosen profession. Prerequisite(s): RT 201.

RT 325. CHRISTIAN DYNAMICS OF LEADERSHIP (3). Exploration of Christian theories and theologies of service and leadership with attention to practical strategies. NOTE: Course is designed for students with meaningful experience in service, ministry, or leadership. Prerequisite(s): RT 201.

RT 326. MUSIC, ART, AND THEOLOGY (3). Explores the power of music and art as vehicles of communion with the sacred and as forces for spiritual and social transformation; a case studies approach, with special attention to Ignatian theological perspectives. Prerequisite(s): RT 201.

RT 393. THE PILGRIMAGE OF ST. IGNATIUS LOYOLA (3). Students will retrace Ignatius' pilgrimage route from Loyola to Barcelona, studying distinctive characteristics of St. Ignatius's spirituality as well as reasons for the prominence of pilgrimages in Christian spirituality since the Middle Ages. Prerequisite(s): RT 201 and permission of instructor. NOTE: Restricted to only those students participating in the travel learning.

RT 400E-W. RELIGION AND DIVERSITY (3). Explores the connections between religion and diversity, integrating different perspectives and/or disciplinary approaches. Prerequisite(s): RT 201/RT 201C and any 300-level religious studies course.

RT 401E-W. RELIGION AND THE ENVIRONMENT (3). Explores the connections between religion and the environment, integrating different perspectives and/or disciplinary approaches. Prerequisite(s): RT 201/RT 201C and any 300-level religious studies course.

RT 402E-W. RELIGION AND JUSTICE (3). Explores the connections between religion and justice, integrating different perspectives and/or disciplinary approaches. Prerequisite(s): RT 201/RT 201C and any 300-level religious studies course.

RT 403E-W. RELIGION AND MEANING (3). Explores the connections between religion and meaning, integrating different perspectives and/or disciplinary approaches. Prerequisite(s): RT 201/RT 201C and any 300-level religious studies course.

RT 410E-W. TOPICS IN BIBLICAL STUDIES (3). Investigates key themes in the Bible, using methods and resources of modern biblical scholarship. May focus on particular books or themes, as well as historical, social, theological, literary, cultural, and postcolonial approaches. Prerequisite(s): RT 201 and any 300-level religious studies course.

RT 412. GOSPELS (3). Investigates the four canonical gospels, as well as touching on some important non-canonical gospels. Prerequisite(s): RT 201 and any RT 300 level class.

RT 411H. HONORS RELIGIOUS STUDIES (3). Explores themes central to the study of religion, such as, classics of Christian thought, major thinkers, topics in Christianity, including church history, ethics, or spirituality; topics from Old and New Testament studies; intersections between various traditions, as well as between Religious Studies and other disciplines. Prerequisite(s): RT 201H or permission of instructor. NOTE: Honors students only.

RT 420E-W. TOPICS IN THEOLOGY (3). Explores central theological issues in Christianity in historical and contemporary contexts. Topics may include God, Christology, ecclesiology, sacramental theology, religious dialog, ecumenism, theological anthropology, and revelation. Prerequisite(s): RT 201 and any 300-level religious studies course.

RT 426. CLASSICS OF CHRISTIAN THOUGHT (3). Explores significant contributors to Catholic intellectual tradition as well as of the basic issues that have determined that tradition: the role of faith and reason, the place of culture in Christian evangelization, spirituality and autobiography. Emphasizes the study of primary texts. Prerequisite(s): RT 201 and any 300-level religious studies course. Cross listing: CAS 400E.

RT 430E-W. TOPICS IN HISTORY OF CHRISTIANITY (3). Explores selected topics in the history of Christianity, examining historical, social, cultural, and theological influences and developments. May include early Christianity, medieval, Renaissance and Reformation, modern, colonial, and postcolonial eras. Prerequisite(s): RT 201 and any RT 300 level course.

RT 440E-W. TOPICS IN ETHICS AND MORAL THEOLOGY (3). Examines issues in method and/or particular topics of contemporary concern, such as method in Protestant and Catholic moral thought, interreligious ethics, feminist ethics, medical ethics, economic justice, and war and peace. Prerequisite(s): RT 201 and any RT 300 level course.



**RT 450E-W. TOPICS IN WORLD RELIGIONS (3).** Exploration of specific world religions, including traditions, scriptures, key historic figures, and contemporary issues. May cover Hinduism, Buddhism, Confucianism, Taoism, Islam, or Judaism in more depth.

**RT 460E-W. TOPICS IN PHILOSOPHY OF RELIGION (3).** Examines significant philosophical issues within the context of religion, including the relationship between faith and reason, the problem of evil, the existence and nature of God, life after death, and, among others, religious language. Prerequisite(s): RT 201 and any RT 300 level course.

**RT 465E-W. TOPICS IN RELIGION AND CULTURE (3).** Investigates the dynamic relationship between human culture and religion. Topics can include death and dying, love, art, literature, violence, politics, technology, and economics. Prerequisite(s): RT 201 and any RT 300 level course.

**RT 469E-W. TOPICS IN RELIGION AND SOCIAL SCIENCES (3).** Explores the study of religion using social science methods. Prerequisite(s): RT 201. **RT 470E-W. TOPICS IN SPIRITUALITY (3).** Investigates the dimensions of Christian spiritualities from historical and contemporary perspectives and challenges. Areas include spiritual leaders and saints, including Ignatius of Loyola, prayer, mysticism, social justice, and community life in Christian tradition. Prerequisite(s): RT 201 or any religious studies 300 level course.

**RT 480E-W. TOPICS IN CHRISTIAN LIFE AND LEADERSHIP (3).** Explores topics in Christian life and leadership including church life, lay ministry, vocations and community leadership. Addresses these topics from the standpoints of history, theology, spirituality, liturgical studies, practical theology and/or ministry studies. Prerequisite(s): RT 201/RT 201C and any 300-level religious studies course.

**RT 481. LAY MINISTRY PRACTICUM (1-3).** Practice of and critical reflection upon aspects of lay ministry, such as leading communal prayer, scripture study, liturgical ministry, catechesis, youth ministry, campus ministry, social justice work, or parish leadership. Prerequisite(s): RT 201 or any religious studies 300 level course.

**RT 490E-W. INDEPENDENT STUDY IN RELIGIOUS STUDIES (1-3).** Provides focused research on a topic in religious studies not covered in regular course offerings. NOTE: Specific assignments and meeting times are arranged with the instructor. Prerequisite(s): RT 201 and any 300-level religious studies course. NOTE: Requires approval of department chair.

**RT 491E-W. DIRECTED RESEARCH IN RELIGIOUS STUDIES (1-3).** Provides individualized scholarly research in a topic in religious studies. Prerequisite(s): RT 201 and any 300-level religious studies course.

**RT 492E-W. SERVICE LEARNING IN RELIGIOUS STUDIES (1).** Prerequisite(s): RT 201 and any 300-level RT course.

**RT 493E-W. TRAVEL LEARNING IN RELIGIOUS STUDIES (1).** Prerequisite(s): RT 201 and any RT 300 level course.

**RT 498E-W. INTERNSHIP IN RELIGIOUS STUDIES (3).** Offers interested students an opportunity to explore religious studies in its practical application to various working areas or contemporary

life and to reflect critically and constructively on their experience. Prerequisite(s): RT 201 and any 300-level religious studies course.

**RT 499A. SENIOR PROJECT A (1).** Student seeks out a supervisor trained in the proposed area of research and approved by the department chair, as well as two outside readers. Student works with the supervisor to develop a project proposal, an annotated bibliography, or list of resources crucial to the project, and a short paper on a central theme of the research. Prerequisite(s): RT 201 and any RT 300 level course. Majors only. Approval of department chair required. NOTE: First part of a two-semester research project required for all religious studies majors.

**RT 499B. SENIOR PROJECT B (2).** Continuation of RT 499A. Requires completion of the research project designed in RT 499A and a public presentation of research results. Prerequisite(s): RT 201 and any RT 300 level course. Majors only. Approval of department chair required. NOTE: Second part of a two-semester research project required for all religious studies majors.

## ROTC

### AIR FORCE AEROSPACE STUDIES (AIRR)

Air Force ROTC offers several programs leading to a commission in the U.S. Air Force upon receipt of at least a baccalaureate degree. Students attend classes at either University of Colorado-Boulder or the Colorado School of Mines in Golden.

**AIRR 1010. FOUNDATIONS OF THE USAF I (1).** Introduces students to the U.S. Air Force and the USAF officer profession. Uses instructor lectures, films and videos, and group activities to examine Air Force issues, officership qualities, and military customs and courtesies. Emphasizes the communication skills necessary for an Air Force officer. NOTE: One 1-hour lecture and one 2-hour lab per week.

**AIRR 1020. FOUNDATIONS OF THE USAF 2 (1).** A continuation of AIRR 1010. NOTE: One 1-hour lecture and one 2-hour lab per week.

**AIRR 2010. EVOLUTION OF USAF AIR AND SPACE POWER I (1).** Studies air power from balloons and dirigibles through the jet age and historically reviews air power employment in military and nonmilitary operations in support of national objectives. Looks at the evolution of air power concepts and doctrine and introduces the development of communicative skills. NOTE: One 1-hour lecture and one 2-hour lab per week.

**AIRR 2020. EVOLUTION OF USAF AIR AND SPACE POWER 2 (1).** A continuation of AIRR 2010. NOTE: One 1-hour lecture and one 2-hour lab per week.

**AIRR 3010. AIR FORCE LEADERSHIP STUDIES I (3).** Provides an integrated management course emphasizing concepts and skills required by the successful manager and leader. Includes individual motivational and behavioral processes, leadership, communication, and group dynamics while providing foundation for the development of the junior officer's professional skills (officership). Emphasizes decision-making and use of analytic aids in planning, organizing, and controlling in a changing environment. Discusses organizational and personal values (ethics), management of change, organizational power, politics, managerial strategy, and

tactics within the context of military organization. Uses actual Air Force case studies throughout the course to enhance the learning and communication process. NOTE: Two 1½-hour seminars plus one 2-hour lab per week.

**AIRR 3020. AIR FORCE LEADERSHIP STUDIES 2 (3).** A continuation of AIRR 3010. Emphasizes basic managerial processes while employing group discussions, case studies, and role-playing as learning devices. Continues to emphasize the development of communicative skills. NOTE: Two 1½-hour seminars plus one 2-hour lab per week.

**AIRR 4010. NATIONAL SECURITY FORCES IN CONTEMPORARY AMERICAN SOCIETY 1 (3).** Studies U.S. national security policy, which examines the formulation, organization, and implementation of national security policy; context of national security; evolution of strategy; management of conflict; and civil-military interaction. Also includes blocks of instruction on the military profession/officership, the military justice system, and communicative skills. Provides future Air Force officers with the background of U.S. national security policy so they can effectively function in today's Air Force. NOTE: Two 1½-hour seminars plus one 2-hour lab per week.

**AIRR 4020. NATIONAL SECURITY FORCES IN CONTEMPORARY AMERICAN SOCIETY 2 (3).** A continuation of AIRR 4010. Includes defense strategy conflict management, formulation/implementation of U.S. defense policy, and organization factors and case studies in policy making, military law, uniform code of military justice, and communication skills. NOTE: Two 1½-hour seminars plus one 2-hour lab per week.

## MILITARY SCIENCE--U.S. ARMY (MILR)

The Military Science Program at Regis University is offered in conjunction with the University of Colorado-Boulder. The Department of Military Science offers programs leading to an officer's commission in the active Army, Army Reserve, or National Guard in conjunction with an undergraduate or graduate degree. Military Science courses are designed to supplement a regular degree program by offering practical leadership and management experience. Students attend classes at either University of Colorado-Boulder or the Colorado School of Mines in Golden.

**MILR 1011. ADVENTURES IN LEADERSHIP 1 (2).** Introduces fundamentals of leadership and the United States Army. Examines its organization, customs, and history as well as its current relevance and purpose. Students also investigate basic leadership and management skills necessary to be successful in both military and civilian settings. Includes fundamentals of Army leadership doctrine, team-building concepts, time and stress management, an introduction to cartography and land navigation, marksmanship, briefing techniques, and some basic military tactics. Lab fee required.

**MILR 1021. ADVENTURES IN LEADERSHIP 2 (2).** Continues investigation of leadership in small organizations. Covers selected topics such as basic troop leading procedures, military first aid, and casualty concepts, creating ethical work climates, an introduction to Army organizations and installations, and a further examination of basic military tactics. Introduces students to effective military styles. Lab fee required.

**MILR 2031. METHODS OF LEADERSHIP AND MANAGEMENT 1 (3).** Comprehensively reviews advanced leadership and management concepts including, motivation, attitudes, communication skills, problem solving, human needs and behavior, and leadership self-development. Students continue to refine effective written and oral communications skills and to explore topics such as the basic branches of the Army, and officer and NCO duties. Students conduct classroom and practical exercises in small unit light infantry tactics and are prepared to perform as midlevel leaders in the cadet organization. Lab fee required.

**MILR 2041. METHODS OF LEADERSHIP AND MANAGEMENT 2 (1-3).** Focuses on leadership and management functions in military and corporate environments. Studies various components of Army leadership doctrine to include the four elements of leadership, leadership principles, risk management, and planning theory, the be-know-do framework, and the Army leadership evaluation program. Continues to refine communication skills. Lab fee required.

**MILR 3052. MILITARY OPERATIONS AND TRAINING 1 (3).** Further explores the theory of managing and leading small military units with an emphasis on practical applications at the squad and platoon levels. Students examine various leadership styles and techniques as they relate to advanced small unit tactics. Familiarizes students with a variety of topics such as cartography, land navigation, field craft, and weapons systems. Involves multiple, evaluated leadership opportunities in field settings and hands-on experience with actual military equipment. Students are given maximum leadership opportunities in weekly labs. Prerequisite(s): Approval of the Professor of Military Science. Lab fee required.

**MILR 3062. MILITARY OPERATIONS AND TRAINING 2 (3).** Studies theoretical and practical applications of small unit leadership principles. Focuses on managing personnel and resources, the military decision making process, the operations order, and oral communications. Exposes the student to tactical unit leadership in a variety of environments with a focus on preparation for the summer advance camp experience. Prerequisite(s): Approval of the Professor of Military Science. Lab fee required.

**MILR 4072. OFFICER LEADERSHIP AND DEVELOPMENT 1 (3).** Examines management and leadership concepts and techniques associated with planning and executing military training and operations at company and higher echelons. Includes analyses of professional ethics and values, effective training principles and procedures, subordinate counseling, and effective staff officer briefing techniques. Also investigates other subjects such as counter terrorism, modern peacekeeping missions, and the impact of the information revolution on the art of land warfare. Conducted both in and out of classroom setting and with multiple practical leadership opportunities to organize cadet training and activities. Prerequisite(s): Approval of the Professor of Military Science. Lab fee required.

**MILR 4082. OFFICER LEADERSHIP AND DEVELOPMENT 2 (3).** Continues MILR 4072 study of management and leadership concepts and techniques, providing practical leadership experiences in the classroom and during multiple cadet-run activities. Also examines varied topics such as theory and practice of the military justice system, law of war, military-media relations, support mechanisms for soldiers and their families, operational security considerations, and historical case studies in military

leadership in the context of 21<sup>st</sup> century land warfare.  
Prerequisite(s): Approval of the Professor of Military Science. Lab fee required.

## NAVAL SCIENCE–U.S. NAVY (NAVR)

NAVR 1010. INTRODUCTION TO NAVAL SCIENCE (2).  
Introduces the structure, missions, and functions of the United States Navy and Marine Corps. Also covers military law, leadership, naval history, and concepts of sea power.

NAVR 2020. SEAPOWERS AND MARITIME AFFAIRS (3). Studies the importance of seapower in history including naval, maritime, and other commercial uses of the sea. Emphasizes significant milestones in the history of the U.S. Navy and Marine Corps and their role in the national strategies and policies of the United States.

NAVR 4010. LEADERSHIP AND MANAGEMENT I (3).  
Comprehensively studies organization leadership. Emphasizes motivation, communication, empowerment, and needs of subordinates. Studies the role of professional and personal ethics in organizational leadership.

NAVR 4020. LEADERSHIP AND ETHICS (3). Studies the ethics and laws of armed conflict, analyzing the leadership responsibilities of officers in conflict. Studies the military justice system and Naval legal administrative procedures, comparing military law with civilian criminal and civil law. Defines the responsibilities of junior officers with the military justice system.

## SOCIOLOGY(SO)

SO 200/SO 200C. INTRODUCTION TO SOCIOLOGY (3).  
Studies sociological perspectives, focusing on social groups and social interaction. Presents basic sociological terms and concepts, and examines a variety of social institutions and social processes. NOTE: SO 200C is a course that carries a communication focus in the course assignments, and enrollment is limited to student who took the paired/linked RCC 200 course in the fall.

SO 203. SOCIAL PROBLEMS (3). Surveys selected social problems from a national and international scope. Includes analysis of possible causes and consequences of these problems and of various proposals for solutions and reforms. Cross-listing: CJ 203.

SO 204. INTRODUCTION TO CULTURAL ANTHROPOLOGY (3). Introduces the methods and theory of cultural anthropology through a theoretical and comparative examination of the role of culture in human life. Includes the study of other cultures and field research on contemporary United States culture. Cross listing: AN 204.

SO 206. INTRODUCTION TO SOCIOLOGY OF HEALTH (3).  
Introduces topics related to the social contexts of health, including: social conditions such as poverty, social isolation, and segregation as well as ascribed characteristics of gender and race as predictive of health outcomes.

SO 300. WRITING CULTURE (3). Learn to effectively use Anthropology/Sociology research databases and practice writing a variety of Anthropology/Sociology papers. Significant time is given to work-shopping, peer-reviewing, and revising/submitting original writing. Pre-requisite(s): One 200-level Sociology or

Anthropology course or permission of instructor. Cross Listing: AN 300.

SO 402. ETHNOGRAPHIC RESEARCH METHODS (3). The methods anthropologists and sociologists use to gain access, develop rapport, collect and analyze data, and interpret findings when studying culture and society. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: AN 402 and CJ 402.

SO 403. SOCIOLOGICAL THEORY (3). Surveys major analytic models used in sociology. Reviews classical foundations of social thought, including the works of Marx, Durkheim and Weber, and contemporary schools of thought, such as feminist and neo-Marxian theory. Prerequisite(s): One 200-level Sociology or Anthropology course. Junior standing, or permission of instructor.

SO 404. SURVEYS FOR SOCIAL CHANGE (3). Learn to design and analyze your own surveys and explore how quantitative research can be used to facilitate social change. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: AN 404.

SO 407. PUBLIC ANTHROPOLOGY (3). Discusses anthropology's insights on culture and research techniques as means to analyze social, political, and economic problems and develop solutions. Focuses on the ways in which applied anthropology can analyze, inform, and influence policy in the United States and abroad, demonstrating anthropology's mainstream relevance. Prerequisite(s): SO 200 and SO 204 or AN 204, or permission of instructor. Cross listing: AN 407.

SO 408. GENDER AND CULTURE (3). Examines the cultural construction of sexuality and gender. Looks at a variation in ideas about sexuality, procreation and gender; how the individual learns gender roles; and how ideas about gender difference relate to kinship, economics, politics and religion. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross-listing: AN 408.

SO 411. FOOD, GENDER, AND CULTURE (3). Explores ways in which preparing, eating, and thinking about food reflects culturally determined gender and power relations in societies around the world. Prerequisite(s): One 200-level Sociology or Anthropology course, or any Women's and Gender Studies course. Cross listing: AN 411 and WGS 411.

SO 412. FOOD JUSTICE (3). Explores our relationship with food through analysis of power, privilege, and culture. Learn ways to change the alienation, structural violence, and injustice experienced within dominant systems of food production and consumption. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross listing: AN 412 and PJ 426.

SO 414. VISUAL ANTHROPOLOGY (3). Examines key anthropological concepts through an analysis of visual and written representations of societies throughout the world. Designed to complement both theoretical issues and ethnographic methods in anthropology. Cross-listing: AN 414.

SO 416. DEVIANCE (3). Provides a historical and comparative study of social deviance, including definitions of and reactions to deviance, and deviance as collective behavior. Examines various sociological theories of deviance, and social groups and behaviors defined as deviant in the United States and other countries.

Prerequisite(s): One 200-level Sociology or Anthropology course required. Cross listing: CJ 416.

**SO 419E-W. CULTURE AND CONSCIOUSNESS (3).** Explores the social and cultural processes through which we construct our world. Includes the sociology of knowledge, symbolic interactionism, phenomenological sociology, ethnomethodology, cultural studies, and related topics. Prerequisite(s): SO 200 or permission of instructor.

**SO 420. LATINA/OS CONTEMPORARY AMERICAN SOCIETY (3).** A Sociological analysis of the lived experiences of Latinos and their role in reshaping the United States today. One 200-level Sociology or Anthropology course required.

**SO 421. INTRODUCTION TO COMMUNITY FOOD SYSTEMS (3).** Seeks to elaborate and deepen the understanding of the Community Food System concept. Begins with an investigation of the current moment in the global food system, its strengths and its inefficiencies. Explores issues as diverse as hunger, health and obesity, the limits of localism, food sovereignty to agroecological alternatives. Examines the use of Community Food Systems to better understand our alternatives to determine a different approach to growing food and feeding people. This is the introduction course for the Community Food Systems minor. Prerequisite(s): One 200-level Sociology or Anthropology course. Cross-listing: AN 421.

**SO 422. DIVERSITY IN U.S. SOCIETY (3).** Provides a critical and comparative analysis of race, ethnicity, and other diversity in the United States. Includes racism, creation, and maintenance of ethnic group status, political processes, and movements for self-determination. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor required. Cross listing: CJ 422 and PJ 422.

**SO 423. MEXICAN AMERICANS IN THE U.S. (3).** Provides a general overview of Mexican Americans in the United States in contemporary society. Examines the history, culture, and past and present policies that have affected the community. Emphasizes racism, discrimination, prejudice, internal colonialism, split labor market theory, immigration, participation in social movements, and experiences within the various social institutions such as the economy, politics, media, education, and the family. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor. Cross listing: AN 423.

**SO 424. SEX, GENDER AND SOCIETY (3).** Examines the social construction of gender difference and stereotypes in the US and other cultures. Performs critical analysis of biological, sociological, anthropological, historical, and psychological explanations of masculinity and femininity. Includes intersections between gender and ethnicity, sexual orientation, social class, friendship, love, work, and disability. Pre-requisite(s): One 200-level Sociology or Anthropology course, or any Women's and Gender Studies course. Cross listing: WGS 424.

**SO 425. NATIVE AMERICANS (3).** Provides a general overview of Native Americans of North America. Examines the history, past and present social policies and treaties, and the American Indian Movement. Explores concepts such as racism, discrimination, prejudice, and internal colonialism. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor.

**SO 437. ENVIRONMENTAL JUSTICE: RACE AND CLASS (3).** Explores how race and class intersect with natural disasters, toxic waste dumps, pollution, inadequate sanitation, pesticides, childhood lead poisoning and asthma epidemics, inequities in public transportation, and a wide range of ongoing social movements and success stories. Prerequisite(s): One 200-level Sociology or Anthropology course, or permission of instructor. Cross-listing: CJ 437, ENVS 437, and PJ 437.

**SO 439. BLACK SOCIAL THOUGHT (3).** Focuses on African-American social thought and the West African influence from historical, political, sociological and cultural perspectives from pre-1492 to present day. Includes intensive pre-departure seminars, a two-week Ghanaian service-oriented field experience and service in Denver communities. Prerequisite(s): SO 200 or SO 204 or AN 204 or permission of instructor. Cross listing: PJ 439. NOTE: Acceptance into the Tinansa Program required.

**SO 440. WOKE IN ALABAMA:IMAGINING RACIAL JUSTICE (3).** Visit iconic historic sites and talk with Alabama activists at the forefront of civil and environmental justice movements. Meld past and present for clear analysis of root causes and innovative solutions to today's racial inequalities. NOTE: Junior class standing or completion of Distributive Core required. Cross-listing: CJ 440 and PJ 468E.

**SO 441. SUSTAINABLE COMMUNITIES (3).** Explores social, environmental, and economic issues that prevent and encourage more sustainable communities. Topics include transportation, sprawl, poverty, urban/wildlife interface, housing, population, consumption, municipal/toxic waste, community resources and empowerment, and a variety of proposed solutions from around the world. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor required. Cross listing: ENVS 441 and PJ 441.

**SO 450. CRIMINOLOGY (3).** Analyzes social, political, and economic dynamics of crime including corporate and government crime, racism and sexism in the criminal justice system, and imprisonment. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: CJ 450.

**SO 451. JUVENILE DELINQUENCY (3).** Investigates juvenile delinquency in the context of social and political authority, the operations of the criminal justice system, youth culture and youth subcultures, and related social issues. Presents various sociological theories of juvenile delinquency, and examines various historical and contemporary manifestations of juvenile crime and deviance. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor. Cross listing: CR 451.

**SO 452. PUNISHMENT AND CORRECTIONS (3).** Provides historical, political, and economic analysis of the penal system in the United States. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: CJ 452 and PJ 452.

**SO 459E-W. TOPICS IN CRIME AND JUSTICE (3).** Selected courses will focus on issues related to crime, police, the court system, punishment, social control, rehabilitation, etc. Prerequisite(s): SO 450 or CJ 450 recommended. Cross listing: CJ 459E-W.

**SO 460. SOCIAL MOVEMENTS (3).** Examines a variety of U.S. social movements from the 1950's through the present. Explores theoretical questions of how movements emerge, who joins them,

the effect of various tactics, and the factors that contribute to a movements' success or demise. Pre-requisite(s): One 200-level Sociology or Anthropology course. Cross listing: PJ 460.

**SO 464. STAND UP AND FIGHT: COMMUNITY ORGANIZING (3).** Presents history, theory and strategies of community organizing in the United States, and experience of community organizing techniques by developing and implementing a community organizing project on the Regis campus or working with the local community organizers. Cross listing: PJ 464. Pre-requisite(s): One 200-level Sociology or Anthropology course.

**SO 468E-W. TOPICS IN CULTURAL ANTHROPOLOGY (3).** Analysis of cultural, social and political changes and challenges in contemporary and ancient cultures. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor.

**SO 469E-W. TOPICS IN CULTURE (3).** Analysis of origins, development, and changes/challenges of ancient and/or modern cultures. Prerequisite(s): SO 200 or AN 204 or permission of instructor. Cross listing: AN 469E-W.

**SO 470. SOCIAL INEQUALITY (3).** Provides a comparative examination of theoretical and ethnographic patterns of inequality in the United States and other countries. Prerequisite(s): One 200-level Sociology or Anthropology course or permission of instructor required. Cross listing: PJ 427.

**SO 472. WEALTH AND POWER (3).** Provides a comparative examination of political and economic institutions, the groups that dominate these institutions, the means by which they exercise power and challenges to the exercise of power. Prerequisite(s): EC 200 or EC 3200 or one 200-level Sociology or Anthropology course or permission of instructor.

**SO 474. MODERN SLAVERY AND TRAFFICKING (3).** Modern Slavery and human trafficking in global perspective. Covers sex trafficking, bonded labor, forced labor, child soldiers, chattel slavery, and domestic servant slavery. Explores the role of the state, organized crime, the media, culture, corruption, and debates about prostitution. Includes testimonies by survivors research reports, theoretical essays, policy statements, expert testimonies, and videos. Prerequisite(s): SO 200 or PJ 400 or permission of instructor. Cross listing: PJ 474 and CJ 474.

**SO 475. GLOBALIZATION AND REVOLUTION (3).** Critical examination of economic, social, and political instruments of globalization, revolution, and social change around the world. Prerequisite(s): SO 200 or permission of instructor. Cross listing: PJ 475.

**SO 485. ANTHROPOLOGY OF RELIGION (3).** Cross-cultural debates and definitions of religion, ritual, symbolism, beliefs and practices. Critically examines how religion is shaped by social categories such as kinship, exchange, the human life cycle, and the environment. Prerequisite(s): One 200-level Sociology or Anthropology course and RT 201. Cross listing: AN 485 and RT 469E.

**SO 486. MASS COMMUNICATION AND SOCIETY (3).** Investigates and analyzes economic, political, and ideological dimensions of mass communication, mass communication, and social control, and the development of mass media forms. Prerequisite(s): SO 200 or COM 380. Cross listing: COM 486.S

**489. PRACTICUM IN CRIME AND JUSTICE (3).** Explores readings and work in the community related to crime and justice issues. Prerequisite(s): SO 200. Cross-listing: CJ 489.

**SO 490E-W. INDEPENDENT STUDY IN SOCIOLOGY (1-3).** Offers an opportunity for individual study of an approved topic in sociology under the direction of a sociology faculty member. Permits faculty and students to explore together some subject of special or personal interest. Prerequisite(s): SO 200 and approval of department chair.

**SO 491. COMMUNITY SOCIAL CHANGE SEMINAR I (3).** Discussions, readings and assignments will take place at the intersection of three dimensions of learning; the Internship Experience (Action), Experiential Learning Pedagogy (Consciousness), and Theories and Practice of Social Change (Knowledge). Prerequisite(s): One 200-level Sociology or Anthropology course and Junior or Senior Standing.

**SO 492. COMMUNITY SOCIAL CHANGE SEMINAR II (3).** Readings on University/Community collaborations, Community Based research, and social change, as well as the implementation and completion of a community project in collaboration with community partners. Prerequisite(s): SO 491.

**SO 495. PRACTICUM IN COMMUNITY FOOD SYSTEMS (1-3).** Practicum course begins and ends in the garden. Students will walk away with a more intimate understanding of the planning and implementation of a small one acre organic urban garden. Explores biointensive and permaculture approaches to food production. Utilizing these skills, students will be able to produce food and will understand how the production of food is an important aspect of the community food system concept. Examines the relationships between food production, distribution, processing, and consumption. Cross-listing: AN 495.

**SO 496. FOOD SYSTEMS SUMMER INTENSIVE (1-3).** Practicum course in community food systems that begins and ends in the garden. Students will walk away from this course with a more intimate understanding of the planning and implementation of a small one acre organic urban garden. Cross listing: AN 496.

**SO 496E-W. TOPICS IN SOCIOLOGY (3).** Offers selected topics including sociology of medicine, community, and urban studies. Pre-requisite(s): One 200-level Sociology or Anthropology course.

**SO 497E-W. PRACTICUM IN SOCIOLOGY (3).** Volunteer or work in the community to enhance both understanding of the nature of these agencies, organizations and community efforts and their analysis of social problems and issues. Related readings, written assignments and discussions accompany the experience. Pre-requisite(s): One of the following courses: AN 200, SO 200, CJ 203 or SO 203. NOTE: Junior or Senior Standing.

**SO 498E-W. INTERNSHIP IN SOCIOLOGY (1-3).** Provides an intensive work experience appropriate to the sociology discipline. Prerequisite(s): Junior or Senior Standing and Approval of Department Chair and Director of Academic Internship Program required.

**SO 499. MAJORS SEMINAR (3).** Capstone course provides Sociology majors with information on graduate school, employment opportunities and particular ways their knowledge can be used to contribute to the community. Students are

encouraged to participate in the community during this course.  
Prerequisite(s): Majors and minors only and Senior standing.  
Cross-listing: AN 499.

## WOMEN'S AND GENDER STUDIES (WGS)

**WGS 400. INTRODUCTION TO WOMEN'S AND GENDER STUDIES (3).** Presents an interdisciplinary study of gender in society. Introduces different theoretical frameworks for examining sexual difference in history, culture, and contemporary society. Applies concepts and methods of Women's and Gender Studies to such topics as family, religion, work, sexuality, and social change.

**WGS 401. WOMEN'S HEALTH ISSUES (3).** Focuses on the maintenance and promotion of women's health across the full spectrum of women's lives. Topics explore physiological, psychological, cultural, economic, sociological, and spiritual factors that influence women's health over the life span. Cross listing: HSC 401 and PE 401. NOTE: For non-Nursing majors.

**WGS 410E-W. WOMEN IN LITERATURE (3).** Surveys women's literary achievement, or focuses on a particular historical period or cultural milieu, ethnographic perspective or social theme. Examines literary and critical works focusing on women's viewpoints in social, cultural, economic, and aesthetic contexts. Prerequisite(s): WGS 400 or RCC 200 or EN 210 and one 300-level English course. Cross listing: EN 410E-W.

**WGS 411. FOOD, GENDER, AND CULTURE (3).** Explores ways in which preparing, eating, and thinking about food reflects culturally determined gender and power relations in societies around the world. Prerequisite(s): One 200-level Sociology or Anthropology course, or any Women's and Gender Studies course. Cross listing: AN 411 and SO 411.

**WGS 424. SEX, GENDER AND SOCIETY (3).** Examines the social construction of gender difference and stereotypes in the US and other cultures. Performs critical analysis of biological, sociological, anthropological, historical, and psychological explanations of masculinity and femininity. Includes intersections between gender and ethnicity, sexual orientation, social class, friendship, love, work, and disability. Pre-requisite(s): One 200-level Sociology or Anthropology course, or any Women's and Gender Studies course. Cross listing: SO 424.

**WGS 435. IMAGES OF WOMEN IN ART AND THE POPULAR MEDIA (3).** Examines the visual representation of women in both art and the popular media. Emphasizes the examination of the construction of gender utilizing various theoretical models of analysis. Prerequisite(s): FAC 200 or FAC 211 or FAC 212. Cross listing: FAHS 435.

**WGS 437. WRITING BY AND ABOUT HISPANIC WOMEN (3).** Analyzes the creation and re-creation of the female persona in selected texts by and about Hispanic women writers from the middle ages to the present. Emphasizes critical analysis and the continued development of speaking, reading, writing, listening and cultural proficiency.

**WGS 440. GENDER, SEXUALITY AND COMMUNICATION (3).** Explores connections between communication, gender, and sexuality in close relationships, organizations and the media. Course involves readings, dialogues, films, field trips, and group

projects. Prerequisite(s): COM 380 or WGS 400 or permission of instructor. Cross listing: COM 440.

**WGS 444. ECONOMICS OF POVERTY AND INEQUALITY (3).** Examines poverty, inequality, and discrimination in an economic context and explores the effectiveness of government policies designed to address associated inequalities. Consideration is given to the wealth gap, wage disparities, and capital access both within countries and between countries. Prerequisite(s): EC 3200 and EC 3300 or permission of instructor. Cross listing: BA 4144, EC 4144, and PJ 444.

**WGS 449. 18<sup>TH</sup> CENTURY NOVEL (3).** Studies representative novels of the period, reflecting the dominant genres such as Realistic, Sentimental, and Gothic. Prerequisite(s): CCS 200 or RCC 200, EN 210 or EN 250 and one 300-level English course.

**WGS 450. PSYCHOLOGY OF GENDER (3).** Explores the psychological perspectives on gender, including the social, behavioral, cognitive, and biological basis of gender, sexuality, and gender identity. Students will critically assess psychological research on gender and its implications for researchers, practitioners and the common good. Prerequisite(s): PY 250 or WGS 400. Cross listing: PY 450.

**WGS 460E-W. WOMEN AND RELIGION (3).** Explores the role of women in various religious traditions, feminine images of the divine, feminist approaches to spirituality, and contemporary models of religious expression and worship. Prerequisite(s): RT 201 or WGS 400.

**WGS 467. HUMAN SEXUALITY (3).** Focuses on the physiological, behavioral, cognitive, and social aspects of human behavior as related to human sexuality using a multidisciplinary and life-span approach. Topics include physiology, communication, gender, development, orientation, violence, the marketplace, culture, religion, and health. Prerequisite(s): PY 250 or WGS 400. Cross listing: PY 467.

**WGS 470. FEMINIST THEORY (3).** Focuses on the striking emergence of feminist philosophy in the last half of the twentieth century. Studies the development of this movement, its impact on philosophy, and the changes it portends for future philosophizing. Emphasis may be on different approaches with feminist thinking (e.g., Anglo-American vs. French feminist writers) or on specific issues in feminist thought. Prerequisite(s): WGS 400 or one 200-level Philosophy course. Cross listing: PL 470.

**WGS 485E-W. SPECIAL TOPICS IN WOMEN'S AND GENDER STUDIES (3).** Offers and discusses selected topics in Women's and Gender Studies. Prerequisite(s): WGS 400.

**WGS 490E-W. SELECTED TOPICS IN FEMINIST THEORY (3).** Discusses a variety of topics in feminist theory from eighteenth and nineteenth century writers such as Wollstonecraft and Mill to contemporary feminist thinkers. Among the possible topics to be considered are liberal reformism or radical transformation, the politics of difference, the challenges of postmodernism, feminism, and women of color, etc. Prerequisite(s): WGS 400.

**WGS 495E-W. INDEPENDENT STUDY IN WOMEN'S AND GENDER STUDIES (3).** Provides an opportunity for independent study in an area of interest in women's and gender studies. Prerequisite(s): WGS 400 and approval of program director. Majors and minors only.

WGS 498E-W. INTERNSHIP IN WOMEN'S AND GENDER STUDIES (3). Provides intensive and practical work experience related to Women's and Gender Studies.

WGS 499. WOMEN'S AND GENDER STUDIES SENIOR THESIS (3). Students meet regularly with their thesis advisor to prepare a thesis paper based on independent research. The thesis will be defended before the Women's and Gender Studies Committee before the end of the semester.

## GRADUATE

### BIOLOGY (BL)

BL 610A. BIOMEDICAL SCIENCES SEMINAR I (1). Explores biomedical ethics and develops student skills to facilitate success in their biomedical education.

BL 610B. BIOMEDICAL SCIENCES SEMINAR II (1). Develops student analytical skills in using contemporary biomedical literature, discusses biomedical ethics, and introduces the range of contemporary biological and biomedical research. Guides and coordinates initial externship and Master's project work. NOTE: Requires public seminar attendance.

BL 610C. BIOMEDICAL SCIENCES SEMINAR III (1). Reinforces and develops student understanding of the interconnections between the material covered in the first semester's courses. Introduces biostatistics and biomedical ethics in the context of biomedical studies and continues work on the program-cumulative project.

BL 610D. BIOMEDICAL SCIENCES SEMINAR IV (1). Discusses biomedical ethics and involves construction and completion of a draft and final written Biomedical Master's Project conforming to program requirements. NOTE: Requires public seminar attendance.

BL 613A. BIOMEDICAL HUMAN ANATOMY LABORATORY AND SEMINAR I (2). Develops student knowledge of normal human gross anatomy via anatomical models, human skeletal materials, and cadaver examination.

BL 613B. BIOMEDICAL HUMAN ANATOMY LABORATORY AND SEMINAR II (2). Develops student knowledge of normal human gross anatomy via anatomical models, human skeletal materials, and histological slides. Prerequisite(s): BL 613A.

BL 614. BIOMEDICAL GENETICS (3). Develops student knowledge of molecular genetics and human genetics. Introduces biomedical ethical controversies with roots in genetics and molecular biology.

BL 616. BIOMEDICAL BIOCHEMISTRY (3). Develops student understanding of biochemical principles particularly as related to human metabolic processes. Focuses on protein structure and function and includes basic cell biology.

BL 618. BIOMEDICAL HUMAN PHYSIOLOGY (4). Develops student knowledge of normal human physiology at the cellular, tissue, organ, and system levels. Includes some pathophysiology.

BL 619. BIOMEDICAL HUMAN PHYSIOLOGY LABORATORY (1). Develops student knowledge of normal human physiology via electrophysiological measurement.

BL 620. BIOMEDICAL MICROBIOLOGY (3). Develops student knowledge of microbiological principles, pathogenic microorganisms, infectious diseases, microbial metabolism, and classes and actions of antimicrobial drugs. Prerequisite(s): BL 614 and BL 616.

BL 621. BIOMEDICAL MICROBIOLOGY AND IMMUNOLOGY LABORATORY (1). Develops student knowledge of microbiological and immunological laboratory techniques commonly used in biomedical research and laboratory diagnosis.

BL 624. BIOMEDICAL IMMUNOLOGY (3). Develops student knowledge of immunological principles, immunopathology, immunization and classes and actions of immunologically active drugs.

BL 624. BIOMEDICAL IMMUNOLOGY (3). Develops student knowledge of immunological principles, immunopathology, immunization and classes and actions of immunologically active drugs. Prerequisite(s): BL 614, BL 616, and BL 618.

BL 628. BIOMEDICAL ACADEMIC EXTERNSHIP (2). Faculty-directed academic experience in a biomedical research, biotechnology research, or clinical environment. Links the experience to biomedical academic content and the student's Master's Project. Includes work with bioethical case studies.

BL 630. BIOMEDICAL GENETICS AND GENOMICS SEMINAR (1). Reviews program pre-requisite background. Develops student skills in using online genetic and genomic resources and introduces relevant bioethical consideration. Includes career advising.

BL 632. BIOMEDICAL GENOMICS (3). Develops student knowledge of human, bacterial, and viral genome organization, genome sequencing, comparative genomics, transcriptomics, proteomics, and introductory genomic analysis. Introduces biomedical ethics in the context of genomics. Prerequisite(s): BL 614.

BL 634. CANCER GENETICS (3). Explores the genetics of cancer and student ability to translate rapid advances in genetics and genomics into cancer risk assessment. Introduces biomedical ethical controversies associated with cancer. Prerequisite(s): BL 614.

BL 636. TRANSLATIONAL GENETICS AND GENOMICS (3). Develops student knowledge of how molecular and populational understandings of genetics and genomics are translated into clinical diagnostic and treatment applications. Introduces biomedical ethical controversies associated with translational genetics and genomics. Prerequisite(s): BL 632.

BL 650A. ENVIRONMENTAL BIOLOGY COLLOQUIUM AND GRANT WRITING (3). Introduces writing in the context of a grant proposal. Fosters ethical consideration, scientific awareness, and analytical skills via the Biology Seminar Series and the environmental primary literature. Begins initial externship, research and Master's project work. Co-requisites: BL 656

BL 650B. ENVIRONMENTAL BIOLOGY COLLOQUIUM AND PROJECT (3). Develops student writing in the context of

constructing a final Master's project. Fosters ethical consideration, scientific awareness, and analytical skills via the Biology Seminar Series and working with the environmental primary literature. Co-requisites: BL 662. Prerequisite(s): BL 650A.

**BL 651A. INTRODUCTION TO ENVIRONMENTAL BIOLOGY SKILLS (1).** Prepares students for success in the Environmental Biology program by introducing students to fieldwork, data collection and analysis, analytical reading of primary literature and professional collaboration skills.

**BL 651B. ENVIRONMENTAL BIOLOGY FIELDWORK (1).** Develops fieldwork and data-collection skills in an environment outside Colorado or in a non-alpine environment. Includes collection of data for use in later Environmental Biology courses. Prerequisite(s): BL 651A and BL 652.

**BL 652. ENVIRONMENTAL BIOSTATISTICS AND RESEARCH DESIGN (3).** Introduction to environmental study design and develops the ability to appropriately analyze data and interpret the results using examples taken from the environmental literature. Emphasizes statistical reasoning, assumptions, computer-based analysis, interpretation, and critical evaluation. NOTE: Prior undergraduate or graduate course in statistics required.

**BL 654. ADVANCED ECOLOGY AND MODELING (3).** Introduces students to modern ecological models used to analyze species distributions, describe the structure and dynamics of populations and communities, and synthesize research studies quantitatively. Prerequisite(s): BL 652.

**BL 656 FOREST AND VEGETATION ECOLOGY AND MANAGEMENT (3).** Introduction to the composition and ecology of woody and herbaceous plant communities. Develops the ability to assess populations, community composition, and health of terrestrial ecological systems for conservation and management. Co-requisites: BL 657 BL 664A.

**BL 657. ADVANCED FIELD ECOLOGY LABORATORY (1).** Develops student knowledge of data collection and ecological assessment techniques in a range of habitats. Co-requisites: BL 656.

**BL 658. ADVANCED BEHAVIORAL ECOLOGY (3).** Introduction to the mechanisms and functions of animal behavior with emphasis on the ecological and evolutionary bases of animal behavior. Develops the ability to assess animal behavior in ecological context using behavioral assessment techniques.

**BL 660. ECOLOGICAL APPLICATIONS OF GEOGRAPHIC INFORMATION SYSTEMS (4).** Develops knowledge of the basic concepts, assumptions, theories, and structures of geographic information systems (GIS). Includes spatial analysis relevant to ecological issues. Includes in-depth examination of GIS in the primary ecological literature. Prerequisite(s): BL 652.

**BL 662. AQUATIC ECOLOGY AND BIOASSESSMENT (3).** Introduction to freshwater aquatic communities and develops the ability to use wetlands vegetation, aquatic invertebrates, and fishes in wetlands delimitation and bioassessment of aquatic environmental health. Prerequisite(s): BL 652.

**BL 664A. WETLAND DELINEATION SEMINAR (1).** Introduces wetland designation and delineation via review of regulatory

documents and reports. Includes basic wetland plant identification. Co-Requisite(s): BL 646 and BL 657.

**BL 664B. WILDLIFE ECOLOGY AND IDENTIFICATION SEMINAR (1).** Introduces wildlife ecology via review of primary literature and reports. Includes basic mammal, game bird, and game fish identification. Co-Requisite(s): BL 650B.

**BL 668 ENVIRONMENTAL BIOLOGY EXTERNSHIP (3)** Introduction to freshwater aquatic communities and develops the ability to use wetlands vegetation, aquatic invertebrates, and fishes in wetlands delimitation and bioassessment of aquatic environmental health. Prerequisite(s): BL 650A and BL 652.

**BL 690E-W. GRADUATE INDEPENDENT STUDY IN BIOLOGY(1-3).** Offers an opportunity for graduate advanced study of independent topics in biology. Prerequisite(s): Permission of instructor.

**BL 691. GRADUATE RESEARCH IN BIOLOGY (3).** Laboratory or field research in biology under faculty direction. Focuses on linking the experience to graduate academic content, highlighting ethical issues raised by the experience.

## DEVELOPMENT PRACTICE (DP )

**DP 600. MODELS OF DEVELOPMENT PRACTICE (3).** History and theory of development, with introduction to different disciplinary entry points. Development models are integrated through several disciplines, including health, engineering, anthropology, policy, business, and environment. NOTE: Technology fee required.

**DP 601. ENTRY POINTS OF DEVELOPMENT (3).** Investigates how communities, scholars, practitioners, and states engage development problem-solving across several integrated sectors and fields. While each profession is necessary none standing alone is sufficient. Coordinated entry point close gaps in knowledge and power. NOTE: Undergraduates admitted by Development Practice Committee. Graduate students apply via Admissions criteria. Technology fee required.

**DP 602. SKILLS FOR FIELDWORK (3).** Sharpens the student's capacity for development work in less developed situations as well as overdeveloped industrialized countries. Examines development design from idea to proposal to implementation; incubation and demonstration of disruptive goods and services; information technology systems; finance and fundraising; inter-cultural and linguistic competencies; and the importance of combining data-based research and effective storytelling. NOTE: Undergraduates admitted by Development Practice Committee. Graduate students apply via Admissions criteria. Technology fee required.

**DP 603. GOING TO SCALE (3).** Educates present and future generations so they may scale-up sustainable development goals and best practices. Course draws on education, linguistic, anthropological, political, technological, spiritual, and natural science disciplines and theories to craft cross cutting learning platforms for smart villages, smart cities, and a smart planet. NOTE: Undergraduates admitted by Development Practice Committee. Graduate students apply via Admissions criteria. Technology fee required.



**DP 604. CLIMATE, ENERGY, AND ECOLOGY (3).** In a time of severe climate change, this course challenges students to compare and contrast climate policies, energy alternatives, conservation methods and ecological sustainability. NOTE: Technology fee required.

**DP 605. MAPPING, METRICS, AND MONEY (3).** Explores geospatial information to map and measure social, natural, and economic resources. Examines standard indices of resilience, human development, sustainability, and urban-rural planning for near and long-term development needs and aspirations. Uses maps and indices to tell stories and gauge outcomes for a variety of audiences. NOTE: Technology fee required.

**DP 606. GENDER, INTERSECTIONALITY AND AGENCY (3).** How does gender factor into global development policy and paradigms? How do gender and the range of other culturally and demographically-based identifications play into development desires, strategies, and outcomes? This course will review key cases of gender-based oppression, empowerment and development efforts at the global level, as well as examining the complex ways that dimensions of identity intersect to create challenges and opportunities for community engagement in participatory development. NOTE: Technology fee required.

**DP 607. RIGHTS, DUTIES, AND POLICY (3).** Students will chart the post-WW II emergence of particular and universal regimes of international relations, human rights and duties and test questions of the course through case studies. NOTE: Technology fee required.

**DP 608. ECONOMICS, ENTERPRISE, AND INNOVATION (3).** Explores the macroeconomic backdrop to development, and enterprise as a development driver. Topics include micro finance, behavioral economics, systems thinking, Base of the Pyramid and Community Participatory Action Research. NOTE: Technology fee required.

**DP 609. PARTICIPATORY PLANNING (3).** Introduces students to theory, concepts, and practices for participatory planning and community engagement. Discusses identifying stakeholders, incorporating local knowledge, capacity building and analyzing capacities, priorities, and needs. NOTE: Technology fee required.

**DP 610. HEALTH AND DEVELOPMENT (3).** Explores the combined social, physical, mental, ecological and climatic sciences affecting individual and collective health in development context. NOTE: Technology fee required.

**DP 620. RESEARCH IN DEVELOPMENTAL PRACTICE (3).** Provides an orientation to the methods and purpose of research for the development practitioner, and space in which to develop a literature review as a foundation for field-based research. NOTE: Permission of instructor is required.

**DP 630. FOOD, WATER, AND ENERGY (3).** Examines food, water, and energy as interrelated systems under duress from a growing global population, economic crises, poverty, hunger and malnutrition and climatic uncertainties. Student will explore water, energy and food as a nexus, requiring holistic management for sustainable growth. NOTE: Technology fee required.

**DP 640. DATA AND ASSESSMENT (3).** Temporal, spatial, sectoral and stakeholder analysis from cultural, societal, and political metrics and mapping, drawing from health informatics,

information systems, humanitarian engineering. NOTE: Technology fee required.

**DP 660. COMMUNICATION, ADVOCACY, AND MARKETING (3).** Students will be grounded in the range of communications purposes, tools and strategies, and their integral place within any development program. Using case studies, students will develop communication plans for a variety of development situations, within programs, partnerships and fundraising. NOTE: Technology fee required.

**DP 670. JUST AND SUSTAINABLE EDUCATION (3).** Explores formal, non-formal, and community-based educational systems that are essential to sustainable and just development. Examines how learner-based education goes beyond literacy, numeracy and critical thinking to reciprocity in learning, which leads to employment, health, and individual well-being. NOTE: Technology fee required.

**DP 698. PRACTICUM IN DEVELOPMENT PRACTICE (3).** Provides field context for applied knowledge among participating communities, development consortia, and organizations. As diverse as these development stakeholders are, it is anticipated they share the objective that development knowledge should be applied for and tested among linked learning communities. NOTE: Undergraduates admitted by Development Practice Committee. Graduate students apply via Admissions criteria.

**DP 699A. FIELD IMMERSION I (3).** Following the second year of classroom study, students apply concepts learned in a three month Field Immersion at an overseas or domestic development organization.

**DP 699B. FIELD IMMERSION II (3).** Culminating project of the final year of classroom study. Students apply concepts learned in a three month Field Immersion at an overseas or domestic development organization.

## ENVIRONMENTAL SCIENCE (ENVS)

**ENVS 650 ENVIRONMENTAL REGULATION AND IMPACT ASSESSMENT (3).** Introduces the theory and methods of writing environmental impact assessment reports. Discusses NEPA, ESA, the Clean Water Act, and other environmental regulatory acts. Explores ethical, judicial, scientific, economic, and political perspectives regarding assessing the environment.

## EDUCATION: GRADUATE TEACHER LICENSURE PROGRAM (ED)

**ED 601. TEACHING THE EXCEPTIONAL STUDENT IN THE GENERAL EDUCATION CLASSROOM (3).** Focuses on philosophy and methodology of integrating exceptional children into regular classroom. Studies mental retardation, learning disabilities, behavior disorders, communication disorders, hearing and visual impairment, physical impairment and the gifted and talented. Includes techniques and methods of diagnosis, remediation and individualization. Includes a research component. Fieldwork required in an assigned Metro Denver area school.

**ED 602. PSYCHOLOGY FOR EDUCATORS (3).** Applies principles of development and learning theory to classroom

teaching within the context of Colorado Model Content Standards for Teachers. Key theory-to-practice topics include models of learning, achievement gap issues and instructional strategies, motivation, classroom management, fostering positive identity development for diverse students, and parent involvement. Includes a research component. Prerequisite(s): General Psychology or equivalent. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 603A. ELEMENTARY READING AND WRITING: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Focuses on the significance of literacy and models teachers use to foster literacy acquisition in contemporary elementary classrooms. Participants observe, demonstrate, and evaluate peers and their own literacy instruction within the context of comprehension, phonetic awareness, phonics, fluency, and vocabulary. Includes reading and writing instruction and integration of fiction and nonfiction literature that stimulates joyful reading and writing. Coursework includes readings, demonstrates, simulations, lectures, dialogue, group and individual presentations, and written analyses of fieldwork data. Includes a research component. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 603B. SECONDARY LITERACY: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Participants build background knowledge and apply instructional strategies and assessments designed to promote students success as readers, writers, speakers, and listeners in middle school and high school classrooms. Coursework includes readings, demonstrations, discussions, and written analyses of fieldwork data. Includes a research component. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 604. FOUNDATIONS OF EDUCATION IN AMERICAN SCHOOLS (2).** Surveys theory and practice in American education, including historical contributions, philosophical approaches, and sociological functions. Provides an introduction to standards-based, assessment-driven education from both national and state perspectives. Includes a research component.

**ED 606. ASSESSMENT OF LEARNING (2).** Provides an overview of assessment and instruction on the construction of reliable and valid instruments, including selected response and constructed response formats. Examines performance assessment and the construction of a body of evidence necessitated by Standards-Based Education. Includes a research component. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 610. LANGUAGE, LITERACY AND LINGUISTICS FOR EDUCATORS (3).** Applies scientific research to classroom practices of language study including phonetics, phonology, morphology, orthography, semantics, and syntax. Particular emphasis upon spelling, grammar, handwriting, and designing instruction according to students assessed needs.

**ED 615. EXPLORING IDENTITY AND DIVERSITY IN YOUNG ADULT LITERATURE (3).** Examines themes of identity and diversity in a range of multicultural literature for young adults, with emphases on interpretation and pedagogy. Relates structural and thematic elements to the personal and academic development of adolescents, and explores ways to weave this literary genre into the fabric of secondary content area classes. Students will

construct thematic units and lessons in a standards-based assessment driven environment. Includes a research component.

**ED 617. ELEMENTARY STUDENT TEACHING (2-4).** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the semester experience.

**ED 618A. ELEMENTARY SCIENCE: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Surveys methods, materials and concepts related to the teaching of the various sciences. Combines the knowledge of content areas with the skills and approaches pertinent to the field. Includes a research component. Co-requisite(s): ED 618D. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 618B. ELEMENTARY MATHEMATICS: CONTENT, INSTRUCTION AND ASSESSMENT (2).** Surveys methods and materials appropriate to teaching mathematics. Combines the knowledge of content area with the skills and approaches pertinent to the field. Includes a research component. Co-requisite(s): ED 618C. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 618C. ELEMENTARY LANGUAGE ARTS: CONTENT, INSTRUCTION AND ASSESSMENT (2).** Using the Colorado Model Content Standards, participants examine links between writing, reading comprehension, oral language, listening, and speaking. Focuses on writing instruction and assessment in establishing a writing community, becoming writers as teachers, and providing writing instruction based on assessment of student's needs. Coursework includes readings, demonstrations, simulations, discussion, and written analyses of fieldwork data. Includes a research component. Co-requisite(s): ED 618B. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 618D. ELEMENTARY SOCIAL STUDIES: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Surveys methods, materials and concepts related to teaching social studies. Combines the knowledge of content area with the skills and approaches pertinent to the field. Includes a research component. Co-requisite(s): ED 618A. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 621. SECONDARY ENGLISH: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Examines materials, methods and assessment practices used in teaching English at the middle and high school levels. Analyzes grammar, composition, the short story, the novel, drama, poetry and communications. Emphasizes whole class, small group and individualized instruction and new curricular approaches. Includes a research component. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 625. SECONDARY WORLD LANGUAGE: CONTENT, INSTRUCTION AND ASSESSMENT (2).** Examines materials, methods and assessment practices used in teaching world language (French, German, or Spanish) at the middle and high school levels. Analyzes grammar, composition, the short story, the novel, drama, poetry and communications. Emphasizes whole class, small group and individualized instruction and new curricular approaches. Includes a research component. NOTE: Fieldwork required in an assigned Metro Denver area school.

**ED 627. SECONDARY MATHEMATICS: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Examines materials, methods and assessment practices used in teaching mathematics at the middle and high school levels. Emphasizes whole class, small group and individualized instruction and new curricular approaches. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 628. SECONDARY BUSINESS: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Examines methods, materials, and assessment practices appropriate for teaching middle school and high school accounting, bookkeeping, consumer law and economics. Emphasizes specific classroom applications related to non-clerical business courses. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 629. SECONDARY SCIENCE: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Examines materials, methods, and assessment practices used for teaching science at the middle and high school levels. Attention given to whole class, laboratory, small group and individualized instruction and new curricular approaches. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 631. SECONDARY SOCIAL STUDIES: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Examines materials, methods, and assessment practices used in teaching social studies at the middle and high school levels. Adapts history, political science, economics, sociology, cultural geography, social psychology and cultural anthropology to meaningfulness within the secondary Curriculum. Attention given to integrating current events for curricular relevance. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 633. K-12 ART: CONTENT, INSTRUCTION AND ASSESSMENT (3).** Explores and applies theoretical and practical issues in designing and implementing a K-12 art education program. Emphasizes current trends in art education; materials and methods of teaching and assessing various art media; and curriculum development. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 634. SECONDARY STUDENT TEACHING (2-4).** **SECONDARY STUDENT TEACHING.** In collaboration with the Cooperating Teacher, the student teacher will gradually assume the responsibilities of a teacher in the classroom and school. A minimum of 640 hours of student teaching must be completed over the semester experience.

**ED 635. SECONDARY CURRICULUM PLANNING AND CLASSROOM MANAGEMENT (3).** Provides students with knowledge and skills needed for effective classroom management and planning in a Standards-Based environment. Students will demonstrate mastery of short and long term planning, time management, and research-driven methods to improve and report student achievement, and develop instructional and behavioral expectations for the successful classroom. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 647. MULTICULTURAL LITERATURE AND LITERACY ACROSS THE ELEMENTARY CURRICULUM (3).** Explores historical and contemporary literature for children and

adolescents in America. Examines literature representing various genres that teachers use in elementary and secondary classrooms. Coursework includes readings, demonstrations, discussions, field trips, and written analyses of fieldwork data. Includes a research component. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 651. MULTICULTURAL PERSPECTIVES (3).** Explores and reflects on multicultural societal structures which impact the success of students in today's schools. Prepares students to address issues of discrimination in schools, the curriculum, and within the classroom and will ask students to examine their own beliefs and how these will impact their future role as an educator. Students reflect on the questions, 'How ought we to teach and live as teachers?' 'How ought education to progress in a diverse society?' Includes a research component. Prerequisite(s): Must be admitted to Master of Arts in Education: Graduate Teacher Licensure Program. **NOTE:** Service work in diverse schools is required. This course meets the state requirements for the ESL endorsement. This course is also required for the Master of Arts in Education degree but not for the teaching license. Students can select to take this course or MAE 605M to satisfy this degree requirement.

**ED 680E-H. FIELDWORK IN SCHOOLS (2).** Students will complete a minimum of 800 fieldwork hours as a teaching intern in a school classroom under the direction of a cooperating teacher as part of the Graduate Teacher Licensure Program. Work with children/adolescents is designed to connect coursework with classroom experience. School placement will be arranged by the Education Department. Fee required. **NOTE:** Students should register for one section of fieldwork in any given term. Pass/No Pass grading only.

**ED 685. THEORIES, STRATEGIES, AND ASSESSMENT FOR CLD K-12 (3).** Provides research-based methods and strategies for teaching English as a Second Language to speakers of other languages. Explores curriculum materials appropriate to the development of English as a Second Language. Examines process learning as it applies to ESL in content areas. Discusses and demonstrates specific teaching methodology including natural learning and sheltered approaches to develop academic English. Includes a research component. This course meets the state requirements for the ESL endorsement. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED/MAE 690E-W. INDEPENDENT STUDY IN EDUCATION (1-3).** Pursues independent exploration of areas of interest under the supervision of a department member. Prerequisite(s): Approval of Program Director required.

**ED 695. SEMINAR: TEACHING AND LEARNING IN DIVERSE SCHOOLS (1).** Examines current educational issues especially related to equity-oriented practices and context of student teaching in urban schools. Provides support for completion of Teacher Work Sample and Portfolio. Prerequisite(s): Good standing in program. Approval of program director required. **NOTE:** Fieldwork required in an assigned Metro Denver area school.

**ED 699. CAPSTONE LICENSURE PRESENTATION AND REVIEW (0).** Candidates are required to register for the Capstone Licensure Presentation and Review during the final May term of the program. Candidates must have completed all other

program requirements prior to the Review semester. The purpose of the Capstone Licensure Presentation and Review is to provide a forum for prospective graduates to actively and creatively demonstrate their progress towards state licensure standards and their growth as learners and educators, as demonstrated in the Teacher Work Sample and Portfolio and elsewhere. The Capstone Licensure Presentation and Review serves as a "comprehensive examination." Prerequisite(s): Approval of program director required. NOTE: Pass/No Pass grading only.

## EDUCATION: LINGUISTICALLY DIVERSE EDUCATION (EDLD)

**EDLD 675. LINGUISTICS FOR TEACHERS OF CLD STUDENTS (3).** Provides the learner with information concerning first and second language acquisition theory. Explores the structure and function of the English language including linguistics, applied linguistics, psycholinguistics, and sociolinguistics. Instructional practices for teaching English to speakers of other languages will be reviewed. Process learning as it applies to the acquisition of the English language will be explored and modeled. Prerequisite(s): ED 685.

## EDUCATION: LITERACY (EDLT)

**EDLT 613. TEACHING LITERACY TO ENGLISH LANGUAGE LEARNERS (3).** Designed for teachers who desire to increase their knowledge of the development of reading literacy skills for all students, with a focus on ELLs. Examines specific research-based strategies to teaching reading based on Colorado State Standards, while adhering to constructive principles. Considers the similarities and differences of teaching reading to native and non-native speakers of English emphasizing the importance of family literacy in teaching reading to ELLs. Prerequisite(s): ED 685.

**EDLT 615. EXPLORING IDENTITY AND DIVERSITY IN YOUNG ADULT LITERATURE (3).** Examines a range of literature for young adults, with emphasis on interpretation and pedagogy. Relates structural and thematic elements to the personal and academic development of adolescent and explores ways to weave the literacy genre into the fabric of secondary content area classes. Student will construct thematic units and lessons in standards-based, assessment driven environment.

## MASTER OF FINE ARTS (MFA)

**MFA 601. RESIDENCY I (3).** Students will attend a morning writing workshop, an advisement session with a co-director, afternoon seminars, and evening readings by program faculty, visiting writers, and graduating students.

**MFA 602. RESIDENCY II (3).** In addition to morning writing workshops and advisement sessions, afternoon seminars, and evening readings, the second residency will feature follow-up meetings with first semester mentors interviews with faculty mentors, and meetings with the program directors. Prerequisite(s): MFA 601.

**MFA 602D. DUAL-GENRE RESIDENCY (3).** Third residency for dual-genre students only. Prerequisite(s): MFA 601 and MFA 602, or permission of instructor.

**MFA 603. RESIDENCY III (3).** The third residency will feature follow-up meetings with second-semester mentors, interviews with faculty mentors, and meetings with the program directors, as well as, seminars on Writing in the World Action Plan. Prerequisite(s): MFA 602.

**MFA 604. RESIDENCY IV (3).** The fourth residency will feature follow-up meetings with third-semester mentors, interviews with faculty mentors, and meetings with the program directors. Prerequisite(s): MFA 603.

**MFA 605. RESIDENCY V (3).** The fifth residency will feature follow-up meetings with thesis advisors, formal submissions of the MFA Thesis, the Thesis Defense, and public readings. Prerequisite(s): MFA 604.

**MFA 651. WRITING SEMESTER I (9).** In their first semester of study, students will continue to generate original work while also revising work completed during the first semester.

**MFA 652. WRITING SEMESTER II (9).** In their second semester of study, students will continue to generate original work while also revising work completed during the first semester.

**MFA 652D. WRITING SEMESTER II: DUAL GENRE (9).** In their second semester of study, students will continue to generate original work while also revising work completed during the first semester. This course is reserved for dual-genre students only(Intensive study of a secondary genre).

**MFA 653. WRITING SEMESTER III (9).** In their third semester of study, students will, in consultation with their faculty mentors, begin preliminary work on the book-length project that will become their MFA thesis. Prerequisite(s): MFA 652.

**MFA 654. WRITING SEMINAR IV (9).** In their fourth and final semester of study, students will, in concert with their faculty mentors/thesis advisors and thesis readers, write, revise, and perfect the book-length manuscripts that will be presented as their MFA thesis. Prerequisite(s): MFA 653.

**MFA 670. WRITING IN THE WORLD ACTION PLAN (0).** Maps out how students will make use of their writing talents to engage and serve their communities, whether through volunteerism or employment.

**MFA 680. CRITICAL ESSAY (1).** At any point before Semester IV, MFA students must submit a twenty-page critical essay on a topic in their genre.

**MFA 690. MFA THESIS (2).** The MFA Thesis, a book-length manuscript written, revised, and approved by the fourth-semester faculty mentor who serves as the student's thesis advisor, is the culmination of the student's work during the four residencies and semesters. Prerequisite(s): MFA 604 and MFA 654.

**MFA 698. MFA INDEPENDENT STUDY (3).** Focuses on aiding students in completion of program residency, writing semester, critical essays, writing in the world projects, and/or thesis projects.

## **RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS**

## RHCHP DEGREE AND CERTIFICATE OFFERINGS

RHCHP Academic Collaborative  
Room 332 Claver Hall  
Regis University  
Mail Code: G-6  
3333 Regis Boulevard  
Denver, CO 80221-1099  
303-458-4174  
303-964-5533 Fax

## DIVISION OF COUNSELING AND FAMILY THERAPY

Regis University  
Thornton Campus  
500 E. 84<sup>th</sup> Ave. Suite B-12  
Mail Stop P-20  
Thornton, CO 80229  
800-944-7667

### MASTER OF ARTS

Counseling  
Marriage and Family Therapy

### Graduate Academic Certificates

Marriage and Family Therapy  
Counseling Children and Adolescents  
Counseling Military Families  
Depth Psychotherapy

## DIVISION OF HEALTH SERVICES EDUCATION

Regis University  
Mail Code G-11  
3333 Regis Boulevard  
Denver, CO 80221-1099  
303-458-4157  
303-964-5430 Fax

### BACHELOR OF SCIENCE

Health Care Administration (HCA)

### MASTER OF SCIENCE

Health Services Administration (HSA)

### Graduate Academic Certificates

Health Care Business Management Certificate (HCBM)  
Health Care Quality and Patient Safety (QPS)

## LORETTO HEIGHTS SCHOOL OF NURSING

Office: Room 328 Carroll Hall  
Regis University  
Mail Code: G-8  
3333 Regis Boulevard  
Denver, CO 80221-1099  
Office of the Dean  
800-388-2366 ext 5735  
or 303-964-5735

### Bachelor of Science in Nursing

Traditional Nursing Program	800 388-2366 Ext.5133 or 303-964-5133
Accelerated Nursing Program	800 388-2366 Ext.5133 or 303-964-5133
CHOICE Nursing Program	800 388-2366 Ext.5133 or 303-964-5133

### RN-BSN Completion Program

Campus-based	800 388-2366 Ext. 5251 or 303-964-5251
Online	800 388-2366 Ext. 5269 or 303-964-5269

### RN to MS Nursing Program

Campus-based	800 388-2366 Ext.5251 or 303-964-5251
Online	800 388-2366 Ext.5269 or 303-964-5269

### Master of Science Nursing Program

Family Nurse Practitioner and Neonatal Nurse Practitioner specializations	303-964-5251
Leadership in Health Care Systems specialization	
Campus-based	800 388-2366 Ext.5251 or 303-964-5251
Online	800 388-2366 Ext.5269 or 303-964-5269

### Doctor of Nursing Practice Program

Advanced Practice Registered Nurse specialization	800 388-2366 Ext 5251 or 303-964-5251
Advanced Leadership in Health Care Specialization	800 388-2366 Ext 5251 or 303-964-5251

### Fax Numbers

All Campus-based programs and Office of the Dean	303-964-5325
All Online programs	303-964-5343

## BACHELOR OF SCIENCE IN NURSING DEGREE

### Programs

Traditional Nursing Program

Accelerated Nursing Program

CHOICE Nursing Program

RN-BSN Program (online and campus-based)

RN to MS Nursing Program (online and campus-based)

### Academic Certificate

Undergraduate Academic Certificate in Gerontology

## MASTER OF SCIENCE DEGREE IN NURSING

### Program Specializations

Leadership in Health Care Systems (online and campus-based)

Family Nurse Practitioner

Neonatal Nurse Practitioner

Nursing Completion Option for Certified Nurse Practitioners

### Academic Certificates

Graduate Academic Certificate in Health Care Education

See Special Educational Option for Graduate Studies in Nursing for:

Post-Master's Certificate to become a Family, Neonatal or Adult Gerontology Acute Care Nurse Practitioner

## DOCTOR OF NURSING PRACTICE

### Program Specializations

Advanced Practice Registered Nurse

Advanced Leadership in Health Care

## SCHOOL OF PHARMACY

Room 208 Claver Hall

Regis University

Mail Code: H-28

3333 Regis Boulevard

Denver, CO 80221-1099

303-625-1300

303-625-1305 Fax

## BACHELOR OF SCIENCE

Foundations in Pharmacy

## DOCTOR OF PHARMACY

## SCHOOL OF PHYSICAL THERAPY

Room 403 Claver Hall

Regis University

Mail Code: G-4

3333 Regis Boulevard

Denver, CO 80221-1099

Entry-level DPT 303-458-4340

Fellowship and HES Programs 303-964-5776

303-964-5474 Fax

## BACHELOR OF SCIENCE

Health and Exercise Science

## DOCTOR OF PHYSICAL THERAPY

### Academic Certificate

Fellowship in Orthopaedic Manual Physical Therapy

## DIVISION OF COUNSELING AND FAMILY THERAPY

The Division of Counseling and Family Therapy was created in fall 2013 when the counseling program moved to the Rueckert-Hartman College for Health Professions. The Division of Counseling and Family Therapy offers two Master of Arts degrees, a Master of Arts in Counseling and a Master of Arts in Marriage and Family Therapy. The Division also offers four Post-Graduate Certificates in specialized areas of counseling and family therapy for professionals with a Master's degree in Counseling or a closely related clinical area: Counseling Children and Adolescents; Counseling Military Families; Marriage and Family Therapy; and Depth Psychotherapy. The Master of Arts in Counseling: Clinical Mental Health Counseling is designed to prepare professionals to work as counselors in a variety of community based mental health counseling settings. The Master of Arts in Counseling is fully accredited by the Council on the Accreditation for Counseling and Related Educational Programs (CACREP) and meets the academic requirements for licensure as an LPC in the state of Colorado.

The Master of Arts in Marriage and Family Therapy prepares students to work as couples and family therapists in mental health and community agency settings. The Master of Arts in Marriage and Family Therapy is fully accredited by the Council on the Accreditation of Marriage and Family Therapy Education (COAMFTE) and meets the academic requirements for licensure as a LMFT in the state of Colorado.

## **DIVISION OF HEALTH SERVICES EDUCATION (HSE)**

The Division of Health Services Education houses an undergraduate degree program in Health Care Administration, graduate degree programs in Health Services Administration, and academic certificate programs in Health Care Quality and Patient Safety and Health Care Business Management. Coursework is offered in an online, accelerated format with curricula designed to reflect principles of adult learning. Designated courses are available as electives to students in other majors.

Within the Rueckert-Hartman College for Health Professions all degree programs include a requirement for a course in health care ethics. The Division of Health Services Education offers courses in Health Care Ethics to address that expectation. At the undergraduate level, the division offers a general course in ethics and health that is open to students from many majors and required for Health and Exercise Science students, as well as focused courses for programs in Nursing and Health Care Administration. Graduate level courses are designed to meet the needs of specific programs in Health Services Education, Nursing, Pharmacy and Physical Therapy. Currently, the division does not offer a Health Care Ethics major or a minor.

### **BACHELOR OF SCIENCE IN HEALTH CARE ADMINISTRATION (HCA)**

The Bachelor of Science in Health Care Administration degree was approved in September 1993. The first classes for this degree began in spring of 1994. The program prepares students for a variety of technical, managerial and consultative roles in the health care industry. Settings may include hospitals, nursing homes, ambulatory facilities, clinics, government agencies, computer firms, service agencies and educational institutions. The curriculum combines classroom learning with a clinical internship that features on-the-job supervised experience in an approved health care facility.

### **MASTER OF SCIENCE IN HEALTH SERVICES ADMINISTRATION (HSA)**

The Master of Science degree in Health Services Administration was approved in January of 1999 and the first class was admitted in October 1999. The innovative advanced practice model recognizes prior learning based on an undergraduate foundation in health care management and/or prior health care management experience. With minimal introductory content, the curriculum contains a challenging master's core with advanced practice courses in finance and accounting, operations, quality, and technology management. This allows for a shorter but more in-depth preparation of students. Courses make extensive use of case studies and applied projects. Special topic courses allow individual students to custom design learning experiences in specific areas of interest and expertise preparing students for a wide range of administrative positions. The curriculum promotes the further development of leadership abilities along with a deeper appreciation of the social and ethical obligations and conflicts inherent within the industry. The program is offered in an online format.

## **CERTIFICATE IN HEALTH CARE QUALITY AND PATIENT SAFETY**

Patient outcomes have been measured in various ways since the late 1800s, but it was not until the 1970s that health care organizations began employing quality assurance nurses. Health care organizations have responded throughout the years by establishing quality departments within their organizations. In the past, direction for quality programs was based on requirements of accrediting bodies such as the Joint Commission. In 1999, the Institute of Medicine released a report focusing on the safety of patients in the U.S. health care system. This report triggered a number of actions including the 100K Lives Campaign, public reporting of health outcomes, pay for performance initiatives, and the National Patient Safety and Quality Improvement Act of 2005, which encourages voluntary reporting of adverse events. Reporting of health outcomes by health care agencies and other organizations has created an environment of transparency for health care organizations. The public can now access and compare hospitals on mortality rates, infection rates, whether or not a hospital has electronic medical records or physician order entry, how many complaints a hospital or nursing home has had, and much more.

The core of this certificate is comprised of four courses. Students who do not have at least two years of health care experience in a hospital or appropriate setting or basic knowledge or experience using quality improvement tools may also be required to take HSA 610 Health Care Delivery Systems. The certificate is offered in an online format.

## **CERTIFICATE IN HEALTH CARE BUSINESS MANAGEMENT**

The HCBM certificate was developed for professionals requiring specific graduate-level, health care management skill sets, though may not have the time or desire to complete a full graduate curriculum. The HCBM certificate provides a broad array of options for professionals to customize a certificate by completing four of nine courses offered. Students, along with their advisors, determine which courses will best enhance professional aspirations.

Students electing to complete a full graduate curriculum at a later date may apply all of their certificate courses to either the MS in Health Services Administration or the MBA in Health Industry Leadership graduate curriculum. This effectively opens horizons for students to complete one-third (four of twelve required courses) of a graduate degree by completing the certificate.

The HCBM certificate is appropriate for anyone who has already earned an undergraduate degree from an accredited university. Professionals from any of the health care related disciplines are welcome to apply for the certificate program. This includes health care supervisors and managers, pharmacists, physical therapists, behavioral health professionals, nurses, those individuals with a technical background who need additional training in health care business, or those from non-health care industries who provide services for health care clients.



## LORETTO HEIGHTS SCHOOL OF NURSING

The baccalaureate degree in nursing, master's degree in nursing, and Doctor of Nursing Practice at Regis University are accredited by the Commission on Collegiate Nursing Education, One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791.

Regis University adopted and integrated the Bachelor of Science in Nursing degree when Loretto Heights College closed in May 1988. The Colorado State Board of Nursing first approved the program at Loretto Heights in 1948, the year it was established at that college. In 1952, the National League for Nursing (NLN) accredited the College's program. That accreditation was transferred to Regis University when the program moved. In 1991, a graduate program in Nursing was established. In 1993, the National League for Nursing (NLN) renewed the undergraduate program accreditation and granted full five-year initial accreditation to the Master of Science in Nursing Program. In 1999, both the National League for Nursing Accreditation Commission (NLNAC) and the Commission on Collegiate Nursing Education (CCNE) of the American Association of Colleges of Nursing (AACN) visited the School of Nursing and granted full, continuing accreditation to the undergraduate and graduate nursing programs. In 2002, the Loretto Heights School of Nursing decided to maintain a single accreditation--with AACN- CCNE -- and discontinued accreditation with NLNAC. In 2009, the Loretto Heights School of Nursing received full ten-year accreditation for its Bachelor of Science in Nursing and Master of Science programs from CCNE. The Doctor of Nursing Practice program received full five-year accreditation from CCNE in spring 2013.

All nursing curricula are designed to educate students in the art and science of nursing. Leadership skill development is promoted with a special emphasis on developing critical thinking, ethical decision making, and a commitment to social justice.

### BACHELOR OF SCIENCE IN NURSING (BSN)

The Loretto Heights School of Nursing offers the Bachelor of Science in Nursing (BSN) in different scheduling formats in order to meet the needs of a variety of student populations seeking their BSN. The Traditional Nursing Program offers the undergraduate curriculum according to a traditional academic fall through spring schedule. The Accelerated Nursing Program is available to serve the adult with a previous non-nursing baccalaureate degree who desires a degree in nursing. The Connecting Healthcare Occupations with Innovative Curriculum and Experience (CHOICE) Nursing Program offers the BSN with flexible schedules accommodating individuals who work in health care. Programs are also offered for registered nurses (RNs) wishing to earn BSN. The RN-BSN Program is delivered in a HYBRID format or an online format. The RN to MS Nursing Program offers RNs both the BSN degree and the Master of Science degree (Leadership in Health Care Systems specialization) in a single program.

### Undergraduate Academic Certificate

An undergraduate academic certificate in Gerontology is offered.

### MASTER OF SCIENCE DEGREE IN NURSING (MS)

The Master of Science degree in Nursing prepares registered nurses for a number of different specializations at the graduate level. Master's students in the Leadership in Health Care Systems specialization choose either a management or an education focus. This specialization is offered in a one evening per week on-campus format or online. The Family Nurse Practitioner (FNP) specialization is offered in either an every-other weekend campus-based format or in a one full day per week format. The School offers a Neonatal Nurse Practitioner (NNP) specialization in a one full day per week format. A Master of Science degree completion option for certified nurse practitioners is also offered.

### POST GRADUATE ACADEMIC NURSING CERTIFICATES

The School also offers a Graduate Academic Certificate in Health Care Education, Post-Master's Certificates for FNP, NNP, and Adult-Gerontology Acute-Care for FNP.

### DOCTOR OF NURSING PRACTICE (DNP)

Students can enter the program through the post-master of science in nursing to DNP or post-bachelor of science in nursing (BSN) to DNP. The post-master of science in nursing to Doctor of Nursing Practice program builds upon the current MS in nursing curricula, while the post-bachelor of science in nursing (BSN) to DNP builds upon both the BSN and MS in nursing curricula. This terminal nursing degree is designed to prepare advanced practice nurses and advanced health care leaders. Students gain expertise in social responsibility, healthcare policy, fiscal issues, program development, and evidence-based practice outcomes. The DNP is offered online over six semesters or in a flex option of nine semesters and contains clinical and practicum experiences focusing on meeting the health care needs of vulnerable and underserved populations.

## SCHOOL OF PHARMACY

The School of Pharmacy was granted full accreditation by the Accreditation Council for Pharmacy Education (ACPE) in summer 2013. The inaugural class matriculated in fall 2009.

The Doctor of Pharmacy curriculum is a four year professional program leading to a Doctor of Pharmacy (Pharm.D.) degree. Prior to entry into the Doctor of Pharmacy program, students must complete a minimum of two years (72 semester hours) of pre-professional coursework. The two year pre-pharmacy curriculum, together with the four-year professional pharmacy curriculum, will provide students with the training and knowledge necessary to provide the highest level of pharmacy care.

Note: For additional program information and a complete list of pre-pharmacy courses, please consult the Regis Doctor of Pharmacy website at [www.regis.edu/pharmd](http://www.regis.edu/pharmd).

## BACHELOR OF SCIENCE IN FOUNDATIONS OF PHARMACY

Students entering the Doctor of Pharmacy program through Regis College have the opportunity to earn both a BS and the PharmD degrees through completion of an accelerated 3+4 program. Students complete Doctor of Pharmacy prerequisites along with additional required and elective coursework during three years of study in Regis College. Following completion of the first professional year of study in the School of Pharmacy, students are awarded the Bachelor of Science in Foundations of Pharmacy. Following completion of all four years of the Doctor of Pharmacy curriculum, students are then awarded the PharmD degree.

## DOCTOR OF PHARMACY

The professional doctoral program (Pharm.D.) is four years (nine semesters), with a new class starting each August. The curriculum is designed for students to become pharmacists who provide care to patients in varied settings, including community and institutional pharmacies. The curriculum consists of classroom instruction using mostly team based learning and experiential instruction. Upon successful completion of the Doctor of Pharmacy program, graduates will receive a doctoral degree and be able to sit for the required licensure examinations.

## SCHOOL OF PHYSICAL THERAPY

The School of Physical Therapy offers a Bachelor of Science in Health and Exercise Science, and a Doctor of Physical Therapy (DPT) degree. The Physical Therapist Education program at Regis University is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314; telephone: 703.706.3245; email: [accreditation@apta.org](mailto:accreditation@apta.org); website: <http://www.capteonline.org>.

Licensed physical therapists are also eligible for admission into the advanced practice Orthopaedic Manual Physical Therapy certificate program, which is accredited by the American Board of Physical Therapy Residency and Fellowship Education (ABPTRFE).

In addition, the School offers an undergraduate minor in Health and Exercise Science.

## BACHELOR OF SCIENCE IN HEALTH AND EXERCISE SCIENCE

The School of Physical Therapy offers a Bachelor of Science degree in Health and Exercise Science. This program is designed to prepare students for careers that promote health and wellbeing of individuals, communities and populations. It builds on courses of study in the natural and behavioral sciences and explores the principles of movement organization, control and regulation. Health and Exercise Science combines principles of behavioral health, biomechanics, exercise physiology, motor behavior, nutrition and psychology of sport to optimize physical, mental and social wellbeing. Unique to this degree is the translation of the sciences into individual, community and societal applications of health promotion across the lifespan. Students apply knowledge to optimize health and physical performance in leisure, work and rehabilitative environments.

Flexible career opportunities include employment as an exercise specialist, health and wellness coach, fitness trainer, or occupational and community health specialist. In addition, this program prepares graduates for application to professional graduate programs in fields such as physical therapy, athletic training, nutrition and other health related disciplines, as well as academic graduate programs in areas such as health and behavioral science, public health, exercise physiology and kinesiology.

The Health and Exercise Science major provides a strong foundation in the natural and behavioral sciences and encourages students to tailor their course of study specific to career goals. Upper division elective courses allow the student to focus on one of two tracks: Community Health Coaching and Exercise or Natural and Behavioral Science. Students have the opportunity to participate in an internship, which provides experience in the application of concepts developed during their studies. Independent study electives are also available.

## DOCTOR OF PHYSICAL THERAPY (DPT)

The Doctor of Physical Therapy (DPT) program is a full-time program that is three calendar years in length (eight semesters). It is designed for students who desire to pursue careers as physical therapists. Upon successful completion of the program, graduates receive a DPT degree, which prepares them to sit for the national licensure examination. The DPT program is focused on preparing generalist physical therapists who are leaders in the profession and are socially conscious and able to practice autonomously and interprofessionally.

## RHCHP GENERAL INFORMATION

### INTRODUCTION

### VISION/MISSION/VALUES

Within the Jesuit, Catholic tradition of Regis University, the Rueckert-Hartman College for Health Professions embraces the following vision, mission, and values.

#### Vision

Our vision is to be recognized for educating exceptional health care leaders who serve the greater good.

#### Mission

Our mission is to provide innovative education grounded in academic excellence, scholarship and social justice to cultivate visionary health care professionals committed to advancing the health of our global community.

#### Values

We commit ourselves to:

- Consider the care and education of the whole person
- Foster a culture that uses evidence as the basis for education and practice

- Encourage exploration of ethical issues and values applied in health care
- Provide educational and service opportunities that are transformative
- Promote a student-centered learning environment
- Cultivate the development of leadership skills in service of others
- Collaborate across professional lines and with the broader community to provide contemporary learning experiences
- Nurture respect for human diversity and inclusion

## DEGREE REQUIREMENTS

Students are bound by the degree requirements listed in the University *Catalog* at the time of matriculation.

## APPLICATION FOR GRADUATION

For additional information on Commencement and Graduation, refer to the General Information section of this Catalog and/or [www.regis.edu](http://www.regis.edu).

## COMMUNICATION

To facilitate communication at Regis University, all students, faculty, and staff of the Rueckert-Hartman College for Health Professions are required to have a RegisNet e-mail account. Messages from the University, College, and individual schools/departments will **ONLY** be sent to Regis University e-mail addresses. Students can request an account at <http://webadvisor.regis.edu>.

## APPEALS OF DISPUTED COURSE GRADES

Grade appeals involving an issue of academic integrity are handled by the Academic Integrity Board of Rueckert-Hartman College for Health Professions. The policy and procedure is delineated in the Division of Counseling and Family Therapy, Division of Health Services Education, Loretto Heights School of Nursing, School of Pharmacy and School of Physical Therapy student handbooks.

The following procedure is to be followed if students wish to protest a grade received in a course **when progression is not affected**.

1. All grade appeals must be initiated within four weeks after the official term end date following receipt of the grade that is being challenged.
2. The student first contacts the instructor and reviews the issues. If the grade remains in dispute the student should follow step 3.
3. The student contacts the appropriate department director/chair and, in writing, protests the disputed grade. The department director/chair then follows the following procedures:

- Both the student and the instructor submit written statements explaining the issue to the appropriate department director/chair. The department director/chair reviews all the documentation submitted to determine the validity of the challenge. The department director/chair contacts the student and instructor to schedule an appointment, if necessary. The department director/chair may choose to seek additional information from other sources, if indicated by the circumstances. The department director/chair makes a decision about the disputed grade and conveys that decision in writing to the student and instructor. If either party wishes to contest the department director's/chair's decision, the dissatisfied party may appeal the decision within two weeks of receipt of the decision or solution.

**NOTE:** If the instructor of record is the department director/chair, a designee will be appointed.

- If the student's academic program is offered through the School of Nursing, Pharmacy, or Physical Therapy, the appeal is made to the appropriate school dean. If the academic program is offered through Counseling or Health Services Education, the appeal is made to the division director. All other appeals are made to the Academic Dean of RHCHP. The appropriate dean or division director reviews the proceedings to date, obtains any new information deemed necessary, and makes the final determination. The appropriate dean or division director notifies all parties in writing of the final decision. The decision of the school dean or division director is final.

The following procedure is to be followed if students wish to protest a grade received in a course when that grade prevents the student from progressing in the program.

1. The student must contact the instructor regarding posting of a grade that affects progression within seven business days of the official term end date to review the issues. If the grade remains in dispute the student should follow step 2.
2. Within two business days of talking with the instructor, the student must initiate the formal appeal of the disputed grade by contacting the appropriate department director/chair and, in writing, protesting the disputed grade. The department director/chair then follows the following procedure:
  - The department director/chair arranges for a committee of three faculty members to review the case. The student and the instructor each appoint one of the three committee members. The third committee member is chosen by the other two committee members. The department director/chair participates as an ex officio member of the committee. The committee reviews evidence in any manner the committee deems equitable. (Usually a written statement from each party that the other party can review and respond to in writing is submitted.) Oral presentations to the committee are sometimes useful. Care should be taken lest either of the parties be

intimidated through oral procedure. Note: The size of the committee may vary slightly based on an individual school's approach to the process. In all cases, the student will have the opportunity to select a committee member to participate.

- If the student's academic program is offered through a school, the committee, with the concurrence of the department director/chair, recommends a solution to the school dean, who notifies the student and the instructor of the decision in writing. The decision of the School Dean is final.

NOTE: Students should refer to their specific Student Handbook for further guidelines.

## DISCIPLINARY EXPULSION

All Rueckert-Hartman College for Health Professions students are bound by the provisions of the Regis University Student Handbook, the Regis University *Catalog*, and the appropriate RHCHP school or departmental handbook, including, but not limited to, the Standards of Conduct and general University policies and regulations. Copies of the Regis University Student Handbook may be obtained in the Office of Student Life located in the Student Center or accessed online at [www.regis.edu](http://www.regis.edu).

Procedures for reviewing violations of the University's Standards of Conduct are outlined in the Regis University Student Handbook. Incidents of unsafe behavior or unprofessional conduct in a clinical or academic setting are also grounds for disciplinary action, including, but not limited to suspension or expulsion from the program, as set forth below. The academic dean of the Rueckert-Hartman College for Health Professions shall have sole discretion for determining which procedure shall be used and for determining which provisions apply in individual cases. The Provost makes the final decision regarding academic expulsion.

Examples of unprofessional conduct or unsafe behavior include but are not limited to:

- A pattern of unsafe clinical performance.
- Inadequate development of professional behaviors.
- Any action of omission or commission that results in serious injury or harm to another.
- Disrespectful, abusive or dishonest interaction with patients, families, staff, faculty or peers.
- Violation of a client's right to confidentiality.
- Performance of a criminal act.
- Abuse of drugs or illegal use or possession of controlled substances.
- Failure of a for-cause or random drug screen and/or failure to comply with a request for a for-cause or random drug screen.
- Failure to follow the policies and procedures of the clinical agency.

- Manipulation, alteration, removal or destruction of other student/faculty/University/clinical faculty/staff materials and/or equipment.
- Unauthorized use of Regis University or clinical agency equipment inclusive of computer accounts, records, and files.
- Violations of the professional standards of conduct and ethics of the profession the student is preparing to enter.
- Other prohibited conduct as defined by Regis University, the Rueckert-Hartman College for Health Professions and the school, department, or program.
- Other conduct or behavior that is unprofessional or unsafe as determined by the discretion of the School or Department.

The faculty member and/or responsible supervisor making the initial judgment that a situation of unsafe behavior or unprofessional conduct in a clinical or academic setting exists shall inform the student of the charges against him/her and notify the appropriate school dean (Nursing, Pharmacy, or Physical Therapy) or division director (Counseling or Health Services Education) or designee. If in the judgment of the faculty member and/or responsible supervisor the nature of the conduct or behavior warrants, the student may be suspended from the classroom or clinical area until the review process has been completed.

Following a preliminary review of the evidence available in a case, the appropriate school dean/division director or designee shall schedule a hearing with the student to review the charges. If the student fails to appear at the hearing and the failure of appearance is not excused by the school dean/division director, the charges shall be deemed to be unchallenged and the student shall be deemed to have waived the right to a hearing. In such cases the school dean/division director may proceed to apply such sanctions as the school dean/division director deems appropriate.

At the hearing, the school dean/division director or designee shall:

1. Provide the student with copies of all written reports regarding the circumstances and facts of the case. The student shall have an opportunity to give his/her reactions to the reports and to offer any additional information relevant to resolving the case.
2. Interview involved parties, including the student, about the facts of the case. The student shall have the right to hear any testimony related to the case that may adversely affect him/her and to question persons giving such testimony.
3. Allow the student to present witnesses on his/her own behalf and to be accompanied by one advisor who is not a party to the case. Such advisors must be members of the Regis University faculty or full-time staff.

Following the hearing and consultations deemed necessary with program faculty or committees, the school dean/division director or designee shall make a determination of the facts of the case and sanctions if appropriate. Sanction options include, but are not limited to, expulsion or suspension from the program, probation, warnings, or failure of a course.

Notification of the results of the review by the school dean/division director or designee shall be provided in writing by regular mail to the student's last known address as identified in the records of the University and to the academic dean of the Rueckert-Hartman College for Health Professions.

The student shall have three working days from receipt of the letter to appeal the decision of the school dean/division director to the academic dean. Notification of the results of the review by the academic dean shall be provided in writing by mail to the student with a copy to the school dean, division director or designee. The decision of the academic dean is final.

## ACADEMIC STANDING AND PENALTIES

### DEFINITIONS

Academic probation is an official sanction that is applied when a student fails below the minimum acceptable cumulative grade point average for the program. Academic probation may also be applied for violations of the academic integrity policy. Academic suspension is an official sanction that is applied when a student on academic probation fails to achieve the required minimum acceptable cumulative grade point average or other conditions established under their probation. Academic suspension may also be applied for violations of the Academic Integrity Policy.

### UNDERGRADUATE STUDENTS

#### *Good Standing*

Students at Regis University must maintain at least a 2.000 ("C") cumulative grade point average to be in good academic standing. The cumulative grade point average is computed by dividing the total number of grade points earned by the total number of semester hours attempted. A grade of "C-" or higher is required for upper division courses in the major or minor area to be counted as work toward the major or minor. A grade of "C-" or higher is required by some schools or departments for lower division major courses to be counted as work toward the major or minor.

NOTE: Undergraduate programs in the Loretto Heights School of Nursing require a grade of "C" (2.000) or higher in all nursing courses. The Health Services Education undergraduate programs require a grade of at least a "C" in all HIM and HCA courses and a cumulative GPA for progression at a 2.500.

A grade of "D" in other courses indicates an academic deficiency; however, those course hours may apply toward graduation.

#### *Academic Warning*

Undergraduate students in the Traditional Nursing Program whose semester grade point average falls below a 2.000 but whose cumulative grade point average remains above a 2.000 are placed on academic warning. Although academic warning indicates an academic deficiency, it is not as severe as academic probation and is not indicated on the student's permanent academic record (transcript).

#### *Academic Probation*

Students with a cumulative grade point average below a 2.00 are placed on academic probation. During the next semester of enrollment, the College expects students to raise their cumulative grade point average to a minimum of 2.000. In some instances, the academic advisor, in consultation with the department director or chair, establishes additional conditions that students must meet within a specified period of time. Failure to raise the cumulative grade point average or meet any of the specified conditions may result in suspension. Academic probation is recorded on the student's permanent academic record (transcript).

Occasionally a student's Regis University cumulative grade point average is so low that it is almost mathematically impossible for the student to raise it to a 2.000 in one semester. In that situation, the department director or chair may enter into an agreement with the student to permit the student to earn a provisional grade point average for the semester. This agreed upon grade point average is set within a range that is a fair and reasonable expectation for the student in question. If the provisional grade point average is earned for the semester, but the student's cumulative grade point average remains below a 2.000, the student may be awarded the status of Probation Continued. If the agreed upon grade point average is not achieved, the student may be suspended.

In the case of academic probation due to violation of the Academic Integrity Policy, refer to the school or department student handbook.

#### *Academic Suspension*

Undergraduate students in the Rueckert-Hartman College for Health Professions who have been placed on academic probation and do not achieve cumulative grade point average of 2.000 (2.5 for some programs in RHCHP) or meet those conditions established during their probation are, under ordinary circumstances, suspended. This renders students ineligible to return to Regis University for a period of 12 months.

Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis University class may complete that class. Any additional registrations will be dropped.

After one year, students may reapply for admission by submitting to the appropriate program: 1) a letter requesting readmission, explaining the causes of the earlier academic difficulties and describing how the student has overcome those difficulties; and 2) an official transcript showing at least 12 semester hours (or equivalent quarter hours) of acceptable academic coursework completed at another regionally accredited college or university.

In the case of academic suspension due to violation of the Academic Integrity Policy, refer to the school or department student handbook.

## GRADUATE STUDENTS

### MASTER'S PROGRAMS AND DOCTOR OF NURSING PRACTICE

#### ***Academic Probation***

Students must have a minimum cumulative grade point average of 3.000 to graduate. If a student's grade point average falls below 3.000 in the program, the student is placed on academic probation. Students placed on academic probation have one semester to raise their grade point average to a 3.000. In the case of academic probation due to violation of the Academic Integrity Policy, refer to the school or department student handbook.

#### ***Academic Suspension and Dismissal: Master's Students***

Students who fail to raise the cumulative grade point average to 3.000 are suspended. In addition, students who receive a grade of "C" in two courses at the 600 level are subject to academic review and may be suspended from the program. Suspension may be appealed to the department director or school dean. Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis University class may complete that class. Masters students earning a letter grade of C- or below (course failure) are eligible to repeat the course for a minimum letter grade of "C" to maintain eligibility to progress in the graduate program pending program director approval.

Master's students in Leadership who receive two course failures (C- or lower) as initial grades in any course will be dismissed from the program.

Nurse practitioner students (NNP and FNP) who receive two course failures (C- or lower) as initial grades in any course will be dismissed from the program.

#### ***Academic Suspension and Dismissal: Doctor of Nursing Practice Students***

Students who fail to raise the cumulative grade point average to 3.000 are suspended. In addition, students who receive a grade of "B- or below" in two courses at the 700 level are subject to academic review and may be suspended or dismissed from the program. Suspension may be appealed to the department director or school dean. Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis University class may complete that class. Students earning a letter grade of B- or below are eligible to repeat the course for a minimum letter grade of "B" to maintain eligibility to progress in the graduate program pending program director approval.

### DOCTOR OF PHYSICAL THERAPY

Students are notified of a change in academic status in writing from the department director or school dean, but failure to provide or receive the notice does not invalidate the action taken.

#### ***Academic Probation***

When the cumulative grade point average of a student in the Doctor of Physical Therapy program falls below 3.00, the student is placed on academic probation. A student is allowed a maximum of two probation semesters during the length of the program. The School of Physical Therapy's expectation is that the student will make every effort to raise his/her cumulative GPA to 3.00 in the first probationary semester in order to return to good academic standing. If when on probation it is not possible to raise the cumulative GPA to a 3.00, the student will be suspended from the program (see section on Academic Suspension). A student on academic probation is not allowed to participate in clinical education rotations. Academic Probation is noted on the permanent academic record (transcript).

In the case of academic probation due to violation of the Academic Integrity Policy, refer to the school student handbook.

#### ***Academic Suspension***

A student is suspended from the Doctor of Physical Therapy program if he/she fails to complete necessary remediation to a satisfactory level in the subsequent semester of receiving a "C" or "C-." A student who receives a grade lower than a "C-" in a course is suspended from the program. In addition, if a student's cumulative grade point average is less than 3.000 for more than two semesters, he/she is suspended from the program. Academic suspension renders the student ineligible to participate in the School's academic activities including academic coursework, clinical coursework, and project coursework for the remaining sequence of course offerings with the student's respective class. The student may apply for consideration of readmission to the program for the following academic year. Academic Suspension is noted on the permanent academic record (transcript).

In the case of academic suspension due to violation of the Academic Integrity Policy, refer to the school student handbook.

### DOCTOR OF PHARMACY

Policies related to Academic Probation and Academic Suspension for students enrolled in the Doctor of Pharmacy program are available to pharmacy students in the School of Pharmacy Student Handbook.



## UNDERGRADUATE AND GRADUATE

### **Academic Dismissal**

Academic dismissal is action taken by the Rueckert-Hartman College for Health Professions that renders a student ineligible to return to the College for any program of study. Academic dismissal may be imposed for serious violations of academic integrity or failure to meet the conditions of a prior academic suspension. In the case of a serious violation of academic integrity, a student may be dismissed following a first offense. In the case of academic suspension for grade point average, a student must have been suspended for low cumulative grade point average, been readmitted to the program on academic probation, and subsequently failed to achieve the required cumulative grade point average. Academic dismissal is recorded on the permanent academic record (transcript).

### **Academic Suspension/Dismissal Appeal Procedure**

Upon being notified in writing of suspension or dismissal due to a low grade point average, students who wish to appeal the decision should do the following:

1. Write a letter of appeal to the school dean/division director of the appropriate school/division within deadline stated on the letter of notification. This letter of appeal should include:
  - a. The student's honest and straight-forward assessment of how the academic problems came about.
  - b. Why the student failed to achieve the required grade point average. Were there, for example, any extenuating circumstances beyond the student's control?
  - c. Why the student should not be suspended from the program or dismissed from the University.
  - d. Some indication that the student is ready to continue serious academic work.
  - e. The names of the student's advisor or faculty members from whom supporting statements may be solicited by the student.
2. Collect supporting statements from advisor, faculty members, or external medical provider as appropriate who are willing to support the appeal and submit these statements with letter of appeal by the designated deadline.

The school dean/division director is interested in any pertinent information that has genuine bearing on the matter. The focus is on why the student failed to reach his/her academic goals and why the student should be allowed to continue studies at Regis University.

The school dean/division director reviews all materials submitted by the student and, if appropriate, forwards them to the designated faculty committee within the program. The school dean/ division director notifies the student in writing of the final decision regarding the student's appeal.

In the case of academic suspension or academic dismissal due to violations of academic integrity, appeals are handled by the Academic Integrity Board for the Rueckert-Hartman College of Health Professions. The specific policy and procedure for appeals of sanctions related to academic integrity are delineated in the school/ departmental handbooks within the Academic Integrity Policy.

## **RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS EXPENSES**

The tuition, fees and other charges described are good-faith projections for the academic year. They are, however, subject to change from one academic term to the next as deemed necessary by the University in order to meet its financial commitments and to fulfill its role and mission.

A date is designated in the University Calendar for obtaining financial clearance. Information regarding the financial clearance process is mailed to traditional students in advance of clearance dates. There is a fee for late clearance. Students who complete preregistration but do not complete financial clearance have their courses dropped. For additional information, students should contact Enrollment Services at 1-800-388-2366 Ext. 4126 or 303-458-4126.

Information regarding payment of charges is located under the "Tuition, Fees, Room and Board Charges" heading in the General Information section of this *Catalog*.

## **CHARGES FOR THE 2017 - 2018 ACADEMIC YEAR**

Charges are per semester, unless otherwise noted

### **UNDERGRADUATE PROGRAMS**

#### **Bachelor of Science in Foundations in Pharmacy**

Full-time Tuition	\$17,630
Part-time Tuition	\$1,102
Tuition (per semester hour – fourth year)	\$1,095
Application Fee	\$50
Student Activity Fee* (per semester)	\$175
Late Clearance Fee (fall and spring semester)	\$300
Late Clearance Fee (summer semester)	\$100
Graduation Application Fee	\$50

Additional specific course fees, memberships, and exam fees may exist that are not listed.

#### **Bachelor of Science Degree in HCA**

Tuition (per semester hour)	\$495
Application Fee	\$50
Graduation Application Fee	\$50

Additional specific course fees, memberships, and exam fees may exist that are not listed.

**Bachelor of Science in Health and Exercise Science**

Full-time Tuition	\$17,630
Part-time Tuition	\$1,102
Application Fee	\$50
Student Activity Fee* (per semester)	\$175
Lab Fee (per year)	\$200
Late Clearance Fee (fall and spring semester)	\$300
Late Clearance Fee (summer semester)	\$100
Graduation Application Fee	\$50

Additional specific course fees, memberships, and exam fees may exist that are not listed.

**Bachelor of Science in Nursing Degree***Traditional Nursing Program*

Full-time Tuition	\$18,175
Part-time Tuition (per semester hour)	\$1,136
Summer Nursing Externship (per semester hour)	\$460
Application Fee	\$0
Student Activity Fee* (per semester)	\$175
Nursing Laboratory Fee (per year)	\$200
Kaplan Fee (one time)	\$500
Late Clearance Fee (fall and spring semester)	\$300
Late Clearance Fee (summer semester)	\$100
Graduation Application Fee	\$50

Additional specific course fees may exist that are not listed.

\* Determined by the Student Executive Board; subject to change.

*Accelerated Nursing Program*

Tuition (per semester hour)	\$780
Application Fee	\$0
Student Activity Fee	\$25
Nursing Laboratory Fee (charged twice in program)	\$200
Kaplan Fee (one time)	\$500
Graduation Application Fee	\$50

*CHOICE Nursing Program*

Tuition (per semester hour)	\$735
Application Fee	\$50
Nursing Laboratory Fee (per year)	\$200
Kaplan Fee (one time)	\$500
Graduation Application Fee	\$50

*RN-BSN Program*

Tuition (per semester hour)	\$535
Application Fee	\$50
Graduation Application Fee	\$50

*RN to MS Nursing Program*

Bachelor's Level Course Tuition (per semester hour)	\$535
Master's Level Course Tuition (per semester hour)	\$640
Graduation Application Fee	\$50

**Loretto Heights College of Nursing Other Fees**

Clinical Make-up Fee (per day)	\$300
Skills Lab Make-up Fee	\$100
SIM Lab Make-up Fee	\$130
SIM Lab Make-up Fee for Disaster Drill of EOL	\$50
Clinical Make-up Fee	\$300

**GRADUATE PROGRAMS****Master of Arts in Counseling**

Tuition (per semester hour)	\$630
Practicum Fee (one time)	\$500
Application Fee	\$50
Graduation Application Fee	\$50

**Master of Arts in Marriage and Family Therapy**

Tuition (per semester hour)	\$630
Practicum Fee (one time)	\$500
Application Fee	\$50
Graduation Application Fee	\$50

**Master of Science Degree in Health Services****Administration**

Tuition (per semester hour)	\$615
Application Fee	\$50
Graduation Application Fee	\$50

**Health Care Quality****and Patient Safety Certificate**

Tuition (per semester hour)	\$615
Application Fee	\$50
Graduation Application Fee	\$50

**Health Care Business****Management Certificate**

Tuition (per semester hour)	\$615
Application Fee	\$50
Graduation Application Fee	\$50

**Master of Science Degree in Nursing**

Leadership Tuition (per semester hour)	\$640
Practitioner Tuition (per semester hour)	\$780
Application Fee	\$50
Skills Lab Make up Fee	\$150
SIM Lab Make up Fee	\$150
Procedures Lab Fee	\$500
Laboratory Fee (Family Nurse Practitioner and Neonatal Nurse Practitioner only; one-time only)	\$300
Graduation Application Fee	\$50

**Doctor of Nursing Practice**

Tuition (per semester hour)	\$855
Application Fee	\$50
Graduation Application Fee	\$50



**Doctor of Pharmacy**

Tuition (per semester hour)	\$1,095
Student Activity Fee	\$25
Application Fee	\$0*
Graduation Application Fee	\$50

\* Applications to the Doctor of Pharmacy program are submitted using the centralized PharmCAS system ([www.pharmcas.org](http://www.pharmcas.org)).

**Doctor of Physical Therapy**

Tuition (per semester hour)	\$830
Student Activity Fee	\$25
Application Fee	\$0*
Laboratory Fee (for the first two-years of the program)	\$400
Graduation Application Fee	\$50

\* Applications to the Doctor of Physical Therapy program are submitted using the centralized PTCAS system ([www.PTCAS.org](http://www.PTCAS.org)).

**Fellowship Program in Physical Therapy**

Online Course Tuition (per semester hour)	\$550
Application Fee	\$50
Graduation Application Fee	\$50

## ACADEMIC INFORMATION

### UNDERGRADUATE PROGRAMS

**UNDERGRADUATE CORE STUDIES**

Unless otherwise indicated in this section, policies included in the General Information section of this *Catalog* apply to the Rueckert-Hartman College for Health Professions.

The Liberal Arts Core requirements vary somewhat among the three major academic units of the University. In undergraduate programs offered by Regis College, the College of Contemporary Liberal Studies, and the Rueckert-Hartman College for Health Professions, some of the Core requirements may be met by courses considered prerequisites for a specific major. The Core requirements for students in undergraduate programs offered by the Rueckert-Hartman College for Health Professions are as follows.

<i>Core Studies Requirements</i>	45 SH
English Composition	3 SH
Literature/Humanities/Oral and Written Communication	6 SH
Natural Science/Mathematics/Computer Science	12 SH
Philosophy (one course in Health Care Ethics required)	6 SH
Religious Studies	6 SH
Social Science/Economics/Business	12 SH

**UNDERGRADUATE GENERAL DEGREE REQUIREMENTS**

In addition to completion of the Core studies, major, minor (if required) and elective areas, each undergraduate degree candidate must also satisfy each of the following requirements:

- Completion of 120 semester hours of academic coursework
- No course in which the candidate has received less than a "C-" grade is acceptable for credit in major or minor areas. The Loretto Heights School of Nursing Undergraduate Programs requires a grade of "C" (2.000) or higher for all nursing courses. Students in the Health Care Administration program must maintain a grade point average of a 2.500.
- A minimum of 30 graded semester hours must be taken at Regis University. This does not include credits earned through Prior Learning Assessment (portfolio or exams).
- Once a student enrolls at Regis University, all upper division coursework in the major must be completed at Regis. Students may use CLEP tests, Dantes Subject Standardized Tests (DSST), NLN tests, portfolio and Regis University Credit-by-Exam to earn credit.

**COURSE LOAD**

**HCA:** The normal academic load should not exceed nine semester hours per eight week academic period or a total of 18 semester hours per semester.

**Loretto Heights School of Nursing:** The average course load per semester is 15-18 semester hours for Traditional Nursing Program students; 15-21 semester hours for Accelerated Nursing Program students; 9-15 semester hours for CHOICE Nursing Program students and 6-12 semester hours per semester for RN-BSN Completion Program students. Students should carefully note the course load requirements for the Dean's list as these may vary from the average course load per semester.

**School of Physical Therapy:** The average course load per semester is 15-18 semester hours for the BS in Health and Exercise Science.

**COURSE OVERLOAD**

**HCA:** The normal academic load should not exceed nine semester hours per eight week academic period or 18 semester hours per semester. Ordinarily, only students with a minimum cumulative grade point average of 3.000 and no grades of Incomplete are eligible to apply for an overload. Students wishing to exceed this maximum academic load must submit a formal written request for overload to the division director at least one week prior to the beginning of the eight week academic period.

**Loretto Heights School of Nursing:** Ordinarily, only students with a 3.000 minimum cumulative grade point average and no grades of Incomplete are allowed to carry an overload. Permission to carry more than the maximum course load must come from the department director or designee. A written request for

overload should be submitted at least one week prior to the beginning of the semester.

**School of Physical Therapy:** Ordinarily, only students with a 3.000 minimum cumulative grade point average and no grades of Incomplete are allowed to carry an overload. Permission to carry more than the maximum course load must come from the department director or designee. A written request for overload should be submitted at least one week prior to the beginning of the semester.

## CREDIT FOR PRIOR LEARNING ASSESSMENT

Students who have work experience as an adult may be eligible for undergraduate credit through Prior Learning Assessment. Regis University uses [learningcounts.org](http://learningcounts.org) to assess prior learning by portfolio. Students may obtain additional information from [portfolio@regis.edu](mailto:portfolio@regis.edu).

The Loretto Heights School of Nursing does not grant credit through Prior Learning Assessment. Students in the RN-BSN Program receive credit for prior learning in accordance with the Colorado Articulation Model or may be eligible for the block transfer. Examinations are also available for RN students to challenge selected lower division courses. Details can be found under the Bachelor of Science in Nursing subheading for the RN-BSN Program.

## REGISTRATION

### **Traditional Nursing and Health and Exercise Science**

**Programs:** Registration for the Traditional Nursing and the Health and Exercise Programs follow the same policies described for Regis College undergraduate students.

**All other programs:** Registration can be completed by phone, online using WebAdvisor, or in person through the Office of Academic Records and Registration. Registration phone numbers: 303-458-4126 or 1-800-568-8932. WebAdvisor requires use of the student's RegisNET account and is accessed from the Regis University homepage at [www.regis.edu](http://www.regis.edu).

### **RN-BSN and RN to MS Nursing (classroom-based)**

**Accelerated and CHOICE Nursing Programs:** Students must register a week prior to the first day of class.

**Online Nursing Programs:** Registration for the online nursing courses must be completed prior to the first day of class.

## ADD/DROP

### **HCA**

The add/drop for HCA students may be completed by phone, online via WebAdvisor, or in-person (Academic Records and Registration Office.) The add/drop period for all courses extends through the first week of class for dropping courses. Students are not allowed to add courses after the first day of class without permission from the division chair or the Associate Dean of RHCHP.

### **Loretto Heights School of Nursing**

Students in the Traditional, Accelerated, and CHOICE Nursing Programs follow the same add/drop policies as those identified in the Regis College Undergraduate Program section of this Catalog. The add/drop for Accelerated and CHOICE Nursing Programs students may be completed by phone or in person through the Academic Records and Registration office or through WebAdvisor. All prelicensure students (Traditional, Accelerated, and CHOICE) must contact their advisor.

The add/drop period for the RN-BSN and RN to MS Nursing Programs (classroom-based) extends through the first week of class only. The add/drop period for all online nursing courses extends through the first week of class for dropping courses. Online students are not allowed to add courses after the first day of class without permission from the department director. Following the add/drop period, questions about withdrawal from BSN and MS courses in online nursing should be directed to the Department of Online Nursing administrative assistant at 1-800-388-2366 Ext. 5269 or 303-964-5269. Questions about withdrawal from online DNP courses should be directed to the Department of Graduate and Post-Licensure Nursing administrative assistant at 1-800-388-2366 Ext. 5251 or 303-964-5251.

### **School of Physical Therapy**

**Health and Exercise Science:** Students in the Health and Exercise program follow the same add/drop policies as those identified in the Regis College Undergraduate Program section of this Catalog.

## AUDITING A COURSE

### **HCA**

Auditing is permitted only with the approval of the division chair or the Associate Dean of RHCHP.

### **Loretto Heights School of Nursing**

Auditing of campus-based theory courses only is permitted in the Loretto Heights School of Nursing. This requires prior approval of the appropriate department director.

### **School of Physical Therapy**

Auditing is only permitted with prior approval of the appropriate director.

## DEAN'S LIST

### **Undergraduate Traditional, CHOICE and Accelerated Programs in Nursing**

Traditional, CHOICE and Accelerated Nursing Program students who carry a semester load of 15 or more graded hours and who earn a minimum grade point average of 3.700 are placed on the Dean's List. Students who are required during the semester to take a Pass/No Pass course--and who carry 12 or more graded hours with 3.700 semester grade point average and who earn a grade of Pass on the course--are eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request the Pass/No Pass

grading option are eligible if they earn a grade of Pass in the course and earn a minimum of 15 letter-graded semester hours. Students who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List.

The Dean's List is posted for Traditional students fall and spring semesters and for CHOICE and Accelerated students fall, spring, and summer semesters.

### **RN-BSN, RN to MS Nursing, and Health Care Administration Undergraduate Programs**

Students in the RN-BSN Program, the BSN component of the RN to MS Nursing Program, and the Health Care Administration undergraduate programs (classroom-based and online) who carry a semester load of 12 or more graded hours and who earn a minimum grade point average of 3.800 are placed on the Dean's List. Students who are required during the semester to take a Pass/No Pass course--and who carry 12 or more graded hours with a 3.800 semester grade point average and who earn a grade of Pass on the course are eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request a Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of 15 letter-graded semester hours. Students who earn a grade of "No Pass" or "Incomplete" are ineligible for the Dean's List.

### **Health and Exercise Science Program**

Health and Exercise Science Program students who carry a semester load of 15 or more graded hours and who earn a minimum grade point average of 3.700 are placed on the Dean's List. Students who are required during the semester to take a Pass/No Pass course--and who carry 12 or more graded hours with 3.700 semester grade point average and who earn a grade of Pass on the course--are eligible for inclusion on the Dean's List. Students who are not required during the semester to take a Pass/No Pass course but request the Pass/No Pass grading option are eligible if they earn a grade of Pass in the course and earn a minimum of 15 letter-graded semester hours. Students who earn a No Pass grade or an Incomplete grade are ineligible for the Dean's List. The Dean's List is posted for students fall and spring semesters.

### **Doctor of Pharmacy Program**

Students in the first professional year of the program who carry a minimum semester load of 17 graded hours and who earn a minimum grade point average of 3.800 are placed on the Dean's List.

## **RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS NON-DEGREE OFFERINGS**

### **HEALTH CARE ETHICS**

Health care ethics is an integral component of an education within the Rueckert-Hartman College for Health Professions. The Division of Health Services Education offers courses in Health Care Ethics and houses the Center for Ethics and Leadership in the Health Professions. Both are dedicated to the mission of fostering moral awareness and ethical action in health care practice and leadership. The mission is accomplished through rigorous academic courses, faculty research and scholarship, and outreach services to the local health care community. Members of the faculty and scholars of the Center are knowledgeable in clinical, professional and organizational ethics, as well as health care public policy, with special attention to the Catholic moral tradition and conceptions of Catholic social justice.

Drawing on the larger mission and values of the Rueckert-Hartman College for Health Professions and the heart of our Jesuit heritage, Health Care Ethics promotes deep individual reflection and an informed civil discourse based on the following core values:

- Respect for the life and dignity of the human person
- Intellectual rigor and humility in the face of complex issues
- Responsibility of the individual to act with an informed conscience
- Commitment to the common good, with particular care for those who are poor and marginalized.

Our core values guide the education we provide in preparing health professionals for the ethical challenges they will face. Learners and facilitators are thereby encouraged to develop an informed understanding of their own moral foundations in an atmosphere of mutual support and encouragement, honoring the Regis University commitment to the question "How ought we to live?"

The truly important ethical issues in today's health care arise all along the continuum from bedside to boardroom to public policy debate. Professionals in the health care industry are faced with a range of complex issues and ethical dilemmas related to specific clinical situations, the conduct of health care organizations, and the demands of a professional role.

Courses at both the graduate and undergraduate levels present a variety of classical and contemporary ethical perspectives along with models for ethical decision-making. Students explore a wide range of contemporary issues in bioethics, including those occurring at the beginning and end of life, dilemmas in everyday practice, and the many questions surrounding emerging health care technologies. They also consider ethical dilemmas that organizations often face including conflict of interest and public accountability. Finally, students consider many of the challenges inherent in the health care policy arena including issues of social justice and the realities of limited health care resources. Students

develop an enhanced sensitivity to the role of social, cultural, and faith-based influences in the delivery of health care.

Guided by the same core values, the Center for Ethics and Leadership in the Health Professions provides outreach to the Rocky Mountain health care community in the form of consultative services, education, research, and other collaborative activities. With a focus on the future, the Center is deeply committed to scholarship that promotes the moral reflection and leadership needed to create health care systems that are able to meet the dilemmas of a diverse society, scarce resources, emerging technologies, and mounting global health challenges.

## DIVISION OF COUNSELING AND FAMILY THERAPY

The following includes a list of counseling options:

- Master of Arts in Counseling
- Master of Arts in Marriage and Family Therapy
- Post-Graduate Academic Certificate in Marriage and Family Therapy
- Post-Graduate Academic Certificate in Counseling Children and Adolescents
- Post-Graduate Academic Certificate in Counseling Military Families
- Post-Graduate Academic Certificate in Depth Psychotherapy

Students must be admitted to the Master of Arts in Counseling or the Master of Arts in Marriage and Family Therapy or a Post-Masters Certificate Program and meet course prerequisites in order to enroll in courses with the MCPY, MFT, or CFT prefix. Course work for both degree and certificate programs are offered on the Regis University Denver Campuses and the Colorado Springs Campus in a variety of evening and weekend formats.

### **Regis University New Student Recruitment**

Through a centralized Office of Admissions, new student recruitment is conducted by trained admissions counselors. Interested prospective students are contacted via phone and/or email by an admissions counselor and provided information about Regis University's programs, curriculum, faculty, campus locations, accreditation, and cost of attendance. At times, individual in person appointments at one of our campus locations are also conducted per a prospective student's request.

Information sessions are hosted by Admissions on a monthly basis at the Thornton, CO campus. These session dates are listed on our website at <http://events.regis.edu/infoession>.

## ADMISSION TO DCFT MASTER'S DEGREE PROGRAMS

Admission to the Master of Arts in Counseling (MAC) and the Master of Arts in Marriage and Family Therapy (MAMFT) is open to all individuals who have earned a baccalaureate degree in any field of study from a regionally accredited college or university. An academic background in Psychology or Family Studies is preferred but not required for applicants seeking program admission. Applicants must demonstrate an ability to achieve graduate-level writing and critical analysis abilities before admission to the MAC or MAMFT Program. An undergraduate or graduate course in Human Growth and Development is a prerequisite, required either prior to or during the Master of Arts in Marriage and Family Therapy program.

The counseling faculty admits students who have demonstrated a readiness for the programs both academically and psychologically. Admission is competitive and limited by the program's need to maintain appropriate clinical faculty/student ratios in each of the programs.

A faculty admissions committee carefully assesses each applicant's appropriateness for each degree program through evaluation of application materials and assessments of the applicant during the admission process and admission interview.

Viable candidates for admission often have a background in psychology or family studies demonstrated by several or all of the following:

- An undergraduate degree in psychology or family studies,
- Work experience related to psychology or helping relationships,
- Participation in personal psychotherapy and,
- Personal life experiences that would indicate an ability for introspection, empathy for others, and psychological maturity.

The Office of Admissions must receive the following documentation from each applicant before an admission decision can be rendered for the MAC or MAMFT degrees:

- A completed application form, which includes a nonrefundable application fee.
- Official transcript(s) reflecting a baccalaureate degree awarded from a regionally accredited college or university.
- Completed admission essays.
- Two letters of recommendation.
- Current resume.
- Criminal background check.

After the application file is complete, other MAC/MAMFT degree program requirements for admission include the following:

- Attendance at an on-campus admission interview with program faculty.
- Minimum levels of technological competence and computer literacy including the following: knowledge of common computing terms; thorough knowledge of word processing,

including attachments, spell check, copy and paste, etc.; proficiency with sending/receiving e-mail, including e-mail with attached files; students must have an e-mail address; proficiency with web browser software; and familiarity with navigating the World Wide Web.

- Once all documentation has been received and the prospective student has attended a MAC/MAMFT Program admission interview, an Admission Committee reviews the application and makes an admission decision. Students may be admitted "fully" or "provisionally." Students admitted "provisionally" for either degree program will be required to complete specific program requirements or course work prior to starting the program. "Provisionally" admitted students will be admitted automatically to "Full Admission" once they have fulfilled provisional requirements of the admission. Failure to complete provisional and/or conditional requirements will prohibit a student from progressing in the program and/or will result in be dismissal from the program.

Admission applications and requirements can be found on the Regis web pages at [www.regis.edu](http://www.regis.edu).

The MAC/MAMFT programs offer prospective students opportunities to apply for admission three times a year. Interviews are held for all program campuses each fall, spring, and summer semester at the Denver campus.

MAC/MAMFT program applicants must submit all admission materials prior to the admission deadline and attend an on-campus admission interview in order to be considered for admission. All admitted students must also attend a new student orientation prior to enrolling in course work. Admission deadlines, applicant interview dates, and new student orientation dates are published on the Regis Counseling Program web site at [www.regis.edu](http://www.regis.edu).

## COURSE OVERLOAD

Students who register for more than nine semester hours over a 16 week semester may do so only with the approval of the program.

## COUNSELING CLINICAL COURSEWORK

Students in the MAC/MAMFT programs are required to enroll in one semester of Supervised Practicum and two semesters of Internship at the conclusion of their degree course work. The practicum and internships courses are required for the degree, and should be taken sequentially over a minimum of three semesters. Student clinical placement in practicum and internship courses must be approved by the Practicum and Clinical Coordinators for the MAC/MAMFT Programs.

## MAC/MAMFT DEGREE REQUIREMENTS

Each MAC/MAMFT Student:

- Must complete the appropriate degree requirements as specified in this Catalog.
- Must maintain a cumulative grade point average of 3.000 or better in courses required for the degree. In addition, a student who receives a grade of "C+" or less in two courses will be subject to academic review and may be suspended from the program. No grades in courses less than a "B-" will be counted toward degree requirements (e.g., "C+" or less). In courses that are graded with "P" (Pass) or "N" (No Pass), only grades of "P" will count towards graduation of master's degree requirements. MAC/MAMFT candidates must also maintain acceptable ratings on the MAC/MAMFT Student Performance Evaluation (SPE) throughout the program. Students who are rated below minimum program requirements on the SPE may be subject to a remediation plan to address professional competency deficiencies. In some cases, suspension or dismissal from the MAC/MAMFT program may be determined.
- Is expected to attend MAC/MAMFT program orientations and seminars. Attendance standards are established by the MAC/MAMFT program faculty.
- Is expected to share in the responsibilities of his/her own learning in partnership with faculty advisors and instructors.

## CROSS REGISTRATION

Master of Arts in Counseling and Master of Arts in Marriage and Family Therapy students may cross register for courses in other programs. However, due to the requirements of the MAC/MAMFT degree plans, outside courses cannot be applied toward the MAC/MAMFT degree plans or certificate plans.

Only Master of Arts in Counseling or Marriage and Family Therapy or students enrolled in post-graduate certificate programs are eligible to register for courses with the MCPY/MFT/CFT prefix.

## MAC/MAMFT STUDENT COMPETENCIES AND REMEDIATION

As a student progresses in the MAC/MAMFT program, faculty will evaluate student performance using the Student Performance Evaluation (SPE) at developmental points throughout the program. Students will receive feedback on the SPE regarding their professional strengths as well as areas for growth. Students exhibiting unsatisfactory performance in any area will be referred by faculty to the Remediation Coordinator who will appoint a Faculty Review Committee to address the needs of the student. A specific remediation plan and/or a recommendation on progression or dismissal from the program will be made to the appropriate degree chair by the Faculty Review Committee. Once approved, the recommendation of the committee will be monitored and proof of compliance must be demonstrated by the student prior to further progression in the program. For detailed description of remediation and appeal procedures, see the MAC/MAMFT student manuals.

## MASTER OF ARTS IN COUNSELING

The Master of Arts in Counseling is CACREP accredited as a Community Counseling Program. The MAC course work fulfills the academic requirements of the State of Colorado Licensing Board necessary to apply for and sit for the examination for the Colorado Professional Counselor License ([www.dora.state.co.us/mentalhealth/pcboard.htm](http://www.dora.state.co.us/mentalhealth/pcboard.htm)).

<i>Master of Arts in Counseling Degree Requirements</i>	<i>60 SH</i>
MCPY 602--Spirituality and Counseling	3 SH
MCPY 605--Human Growth and Development	3 SH
MCPY 610--Theories of Counseling	3 SH
MCPY 615--Cultural Issues and Social Justice	3 SH
MCPY 622--Diagnosis and Treatment Planning in Clinical Mental Health Counseling	3 SH
MCPY 625--Professional Orientation and Ethical Issues	3 SH
MCPY 630--Groups: Process and Counseling	3 SH
MCPY 635--Counseling Techniques I	3 SH
MCPY 636--Counseling Techniques II	3 SH
MCPY 640--Research Methods and Program Evaluation	3 SH
MCPY 645--Clinical Assessment	3 SH
MCPY 650--Career Counseling and Development	3 SH
MCPY 660--Substance Abuse Treatment	3 SH
MCPY 672--Crisis, Trauma, and Loss	3 SH
MCPY/MFT/CFT 600 level elective courses*	6 SH
MCPY 692--Practicum: Clinical Supervision	3 SH
MCPY 693--Counseling Practicum	3 SH
MCPY 698A--Supervised Counseling Internship A	3 SH
MCPY 698B--Supervised Counseling Internship B	3 SH

\*Electives may also include MCPY--Qualitative Research. All 600-level prerequisites apply to elective courses

Students enrolled in the MAC degree program must complete the Supervised Practicum and Supervised Internship placement at an approved site authorized by the program's Practicum and Clinical Coordinators.

## MASTER OF ARTS IN MARRIAGE AND FAMILY THERAPY

The Marriage and Family Therapy Program is COAMFTE accredited and course work fulfills the academic credit requirements of the State of Colorado Licensing Board necessary to apply for and sit for the examination for the Marriage and Family Therapy License (<http://www.dora.colorado.gov/professions>).

<i>Master of Arts in Marriage and Family Therapy Degree Requirements</i>	<i>60 SH</i>
MFT 610--Theories of Family Therapy	3 SH
MFT 615--Cultural Issues and Social Justice	3 SH

MFT 620--Assessment and Diagnosis	3 SH
MFT 621--Integrated Healthcare	3 SH
MFT 625--Professional Orientation and Ethical Issues	3 SH
MFT 635--Counseling Techniques I	3 SH
MFT 638--Advanced Family and Couple Therapy	3 SH
MFT 640--Research Methods and Program Evaluation	3 SH
MFT 650--Family Origins and Life Cycles	3 SH
MFT 660--Substance Abuse Treatment	3 SH
MFT 665--Gender Development and Sexuality	3 SH
MFT 667--Couples Therapy	3 SH
MFT 668--Play in Family Therapy	3 SH
MFT 690--Practicum: The Practice of Family Therapy	3 SH
MFT 692--Practicum: Clinical Supervision	3 SH
MFT 699A--Supervised MFT Internship A	3 SH
MFT 699B--Supervised MFT Internship B	3 SH
MFT 699C--Supervised MFT Internship C	3 SH

### Electives

Three semester hours selected from any MCPY/MFT/CFT class 3 SH

Three semester hours selected from the following:

MFT 669--Advanced Couples Therapy Techniques	3 SH
MCPY 630--Groups: Process and Counseling	3 SH
MCPY 670--Advanced Play Therapy: Grief, Abuse, and Trauma	3 SH
MCPY 677--Counseling Pre-Adolescents and Adolescents	3 SH

## DIVISION OF COUNSELING & FAMILY THERAPY POST-GRADUATE ACADEMIC CERTIFICATES

### PREREQUISITES

Completion of a Master's degree in Counseling, Marriage and Family Therapy, or a closely related clinical field from a regionally accredited university.

For the Marriage and Family Certificate and the Child and Adolescent Counseling Certificate, completion of a clinical internship within the Master's degree - 600 hours minimum supervised clinical experience within the prior Master's degree program. This is not a requirement for the Depth Psychotherapy or Counseling Military Families certificates.

### DCFT CERTIFICATE ADMISSIONS

The Office of Admissions must receive the following documentation from each applicant before an admission decision can be rendered:



- A completed application form, which includes a nonrefundable application fee.
- Official transcript(s) reflecting a master's degree awarded from a regionally accredited college or university. Documentation of completion of a clinical internship may be required by the admission committee.
- Completed admission essay.
- Two letters of recommendation
- Current resume
- Criminal background check

Once all documentation has been received, the Program Admission Committee makes an admission decision and notifies the applicant in writing.

## DCFT CERTIFICATE STUDENT COMPETENCIES AND REMEDIATION

As a student progresses in the program, faculty will evaluate student performance using the Counseling Student Performance Evaluation (SPE) at developmental points throughout the program. Students will receive feedback on the SPE regarding their professional strengths as well as areas for growth. Students exhibiting unsatisfactory performance in any area will be referred by faculty to the Remediation Coordinator who will appoint a Faculty Review Committee to address the needs of the student. A specific remediation plan and/or a recommendation on progression or dismissal from the Program will be made to the Certificate Chair by the Faculty Review Committee. Once approved, the recommendations by the committee will be monitored and proof of compliance must be demonstrated by the student prior to further progression in the program. For a detailed description of remediation and appeal procedures, see the MAC/MAMFT student manuals.

## DCFT CERTIFICATE REQUIREMENTS

Each DCFT Certificate student:

- Must successfully complete all certificate requirements within four years (48 months) from the date of the student's acceptance into the Certificate Program.
- Must maintain a cumulative grade point average of 3.000 or better in courses required for the certificate. In addition, a student who receives a grade of "C+" or less in two courses will be subject to academic review and may be suspended from the program. No grades in courses less than a "B-" will be counted toward certificate requirements (e.g., "C+" or less). In courses that are graded with "P" (Pass) or "N" (No Pass), only grades of "P" will count towards graduation of master's certificate requirements. Certificate candidates must also maintain acceptable ratings on the Student Performance Evaluation (SPE) throughout the program. Students who are rated below minimum program requirements on the SPE may be subject to a remediation plan to address professional competency deficiencies. In some cases, suspension or dismissal from program may be determined.

- Is expected to share in the responsibilities of his/her own learning in partnership with faculty advisors, instructors, and student colleagues.

## POST-GRADUATE ACADEMIC CERTIFICATE IN MARRIAGE AND FAMILY THERAPY

The Post-Graduate Academic Certificate in Marriage and Family Therapy (MFT) is offered on the Regis Denver and Colorado Springs campuses and includes 18 graduate credit hours. The Post-Graduate MFT Certificate course work is primarily intended for professionals in the community already having a Master's degree in Counseling and/or those who practice as therapists in Colorado (Unlicensed Psychotherapists having a Master's Degree, Licensed Professional Counselors, Licensed Psychologists, or Licensed Clinical Social Workers).

<i>MFT Certificate Requirements</i>	<i>18 SH</i>
MFT 610--Theories of Family Therapy	3 SH
MFT 650--Family Origins and Life Cycles	3 SH
MFT 665--Gender Development and Sexuality	3 SH
MFT 667--Couples Therapy	3 SH
MFT 690--Practicum: The Practice of Family Therapy	3 SH
MFT 699A--Supervised MFT Internship A	3 SH

## POST-GRADUATE ACADEMIC CERTIFICATE IN COUNSELING CHILDREN AND ADOLESCENTS

The Post-Graduate Certificate in Counseling Children and Adolescents (CCA) is designed to prepare professional counselors who wish to specialize in counseling children and adolescents. In 2010, the Regis University Center for Family Counseling and Play Therapy earned designation as an Approved Center of Play Therapy Education by the Association for Play Therapy (APT). Therefore, students completing the CCA certificate program meet the academic requirements for the Registered Play Therapy (RPT) national certification through the Association for Play Therapy (APT). The certificate is a planned program of study which includes 18 graduate credits (six courses). CCA certificate course are offered on weekends and intensive formats so that students may accommodate work schedules and complete the course work within one calendar year.

This certificate is designed for community professionals with a master's degree in counseling or closely related area of clinical psychotherapy who meet the program requirements for admission to the certificate program. Current graduate students in the MAC/MAMFT programs may also be admitted to the CAC certificate program concurrently during their master's degree course work. The CAC certificate cannot be awarded to current students until the semester following graduation from the master's degree program and completion of the certificate course work.

<i>CCA Certificate Requirements</i>	18 SH
MCPY 668--Play in Family Therapy	3 SH
MCPY 670--Advanced Play Therapy: Grief, Abuse, and Trauma	3 SH
MCPY 677--Counseling Pre-Adolescents and Adolescents	3 SH
MCPY 678--Introduction to Play Therapy	3 SH
MCPY 679--Sandtray Therapy Techniques	3 SH
MCPY 680--Current Trends in Play Therapy	3 SH

## POST-GRADUATE ACADEMIC CERTIFICATE IN COUNSELING MILITARY FAMILIES

The Post-Graduate Certificate in Counseling Military Families is designed to offer opportunities for practicing therapists to effectively meet the mental health needs of military families across the state of Colorado, particularly in Colorado Springs. The certificate is a planned program of study which includes 18 graduate credits (six courses). Certificate course work is offered in evening formats so that student may complete the course work within one calendar year.

This certificate is designed for community professionals with a master's degree in counseling or closely related area of clinical psychotherapy who meet the program requirements for admission to the certificate program. Current graduate students in the MAC/MAMFT program may also be admitted to the CMF certificate program concurrently during their master's degree course work. The CMF certificate cannot be awarded to current students until the semester following graduation from the master's degree program and completion of the certificate course work.

<i>CMF Certificate Requirements</i>	18 SH
CFT 660--Military: Addiction Counseling and Treatment	3 SH
CFT 663--Counseling Military Families	3 SH
MFT 650--Family Origins and Life Cycles	3 SH
CFT 662--Counseling Military Couples	3 SH
MFT 667--Couples Therapy	3 SH
MCPY 672--Crisis, Trauma, and Loss	3 SH

## POST-GRADUATE ACADEMIC CERTIFICATE IN DEPTH PSYCHOTHERAPY

The Post-Graduate Certificate in Depth Psychotherapy (DP) is designed to prepare professional counselors who wish to learn depth psychological learning methodologies that address community and global issues and the complex psychological processes of change required to address issues of meaning, values, and a just existence from an individual, community and cultural perspective. The certificate is a planned program of study which includes 18 graduate credits (six courses). Certificate course work is offered in evening formats so that student may complete the course work within one calendar year.

This certificate is designed for community professionals with a master's degree in counseling or closely related area of clinical

psychotherapy who meet the program requirements for admission to the certificate program. Current graduate students in the MAC/MAMFT program may also be admitted to the DP certificate program concurrently during their master's degree course work. The DP certificate cannot be awarded to current students until the semester following graduation from the master's degree program and completion of the certificate course work.

DP Certificate Requirements	18 SH
MCPY 674--Grief Therapy and Life Transitions	3 SH
MCPY 676--Ecopsychology: A Transformative Perspective	3 SH
MCPY 686--Psychotherapeutic Relationship: A Depth Perspective	3 SH
MCPY 682--Personal Mythology and Narrative	3 SH
MCPY 683--Approaches to Dream Work	3 SH
MCPY 687--Cultural Narratives: Literature, Myths and Fairy Tales	3 SH

## DIVISION OF HEALTH SERVICES EDUCATION

### BACHELOR OF SCIENCE IN HEALTH CARE ADMINISTRATION

The Bachelor of Science in Health Care Administration (HCA) is offered through the Division of Health Services Education.

The HCA Program combines liberal arts and an extensive professional core emphasizing the development of management and leadership skills for application in a variety of health care settings. The unique multi-disciplinary design of the curriculum places HCA students together with students from other health care disciplines.

Health Care Administration offers a wide array of professional opportunities in many different health care settings including hospitals, clinics, managed care providers, long-term care facilities, insurance companies, commercial vendors, and government agencies.

### ADMISSION

- Students must submit an application to the program and pay the application fee. The application fee is waived for students already enrolled at Regis University.
- All applicants must complete a written essay as part of the application process. The essay addresses the applicant's reasons for choosing this degree and Regis University and is evaluated for evidence of satisfactory writing skills.
- The applicant must submit official transcripts from all colleges and universities attended.
- Transfer students must have a minimum 2.500 cumulative grade point average. Students who do not meet this criterion may petition for special admission.



The applicant must demonstrate a minimum competence level in written English. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ESL Language Center's level 109-Academic within one year prior to acceptance into the program.

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the HCA Program, the Rueckert-Hartman College for Health Professions, or Regis University.

Students are admitted into the HCA Program, but may not take upper division HCA coursework until the specific prerequisites of each course are met.

NOTE: All documents submitted during the application process become the property of Regis University.

## HCA POLICIES

- A minimum of 30 graded semester hours must be taken at Regis University.
- Transfer coursework is evaluated on a course-by-course basis.
- The required internship is scheduled at a clinical and/or administrative site.
- To graduate, students must have at least a 2.500 cumulative grade point average.
- Students are responsible for monitoring progress toward completion of degree requirements including meeting the 120 semester hour requirement. Each student is assigned a faculty advisor for academic advising assistance.
- Students enrolled in the HCA Program must complete and provide all required compliance documentation.

## HCA GENERAL PROGRESSION POLICIES

In order for progression through the Health Care Administration Program to occur, students must meet the following progression policies:

- Students must earn a grade of "C" or better in all HCA courses. Failure to do so necessitates repeating the course. A course may be repeated one time only with the approval of the division director. Students may repeat no more than two courses.
- Students who earn a grade below a "C" in more than two HCA courses may not progress in the program.
- If a student has been granted one or more grades of Incomplete in a given academic period, any request for a grade of Incomplete in any subsequent academic period must be authorized by the student's academic advisor prior to a written request for Incomplete to the instructor(s).
- Students must maintain at least a 2.500 cumulative grade point average.

## DEGREE REQUIREMENTS

*Total Degree Requirements* 120 SH

A minimum of 39 semester hours of coursework must be completed before beginning the major requirements.

*Core Studies Requirements* 45 SH

English Composition 3 SH

Literature/Humanities/Oral and Written Communication 6 SH

Natural Science/Mathematics/Computer Science which must include: 12 SH

MT 274--Introduction to Statistics for Health Professions 3 SH

Philosophy which must include: 6 SH

HCE 435--Ethics in Health Care Services 3 SH

Religious Studies Electives 6 SH

Social Science/Economics/Business which must include: 12 SH

EC 3300--Principles of Microeconomics

BA 4252--Management of Human Resources

*HCA Department Requirements* 9-12 SH

Accounting 3 or 6 SH

AC 3300--Accounting for Managers 3 SH

or AC 3200--Principles of Accounting I 3 SH

and AC 3210--Principles of Accounting II 3 SH

Upper Division Electives 6 SH

*HCA Major Requirements* 48 - 54 SH

HCA 402A--The Evolving Health Care Systems I 3 SH

HCA 402B--The Evolving Health Care Systems II 3 SH

HCA 408--The Politics of Health 3 SH

HCA 423--Foundations of Health Law 3 SH

HCA 425--Assessment of Quality Care and Patient Safety 3 SH

HCA 432A--Leading Effective Organizations I 3 SH

HCA 432B--Leading Effective Organizations II 3 SH

HIM 450--Health Care Informatics and Information Systems 3 SH

HCA 458-- Project Management in the Health Care Sector 3 SH

HIM 460--Health Statistics and Research Methods 3 SH

HCA 466--Managing Health Services Reimbursement 3 SH

HCA 480--Applied Capstone in Health Care Administration 3 SH

HCA 485--Administrative Internship 3 - 6 SH

HCA Upper Division Electives 6 - 9 SH

*General Electives* 12 - 18 SH

## Health Care Administration Minor Requirements

12 SH

Cross-enrollment for courses offered by the Rueckert-Hartman College for Health Professions may be completed following appropriate consultation with an academic advisor. HCA minor courses may be selected to accommodate several specific areas of interest. Some HCA courses are offered in classroom format: all HCA course may be taken online.

Health Care is a broad and rapidly growing sector of the U.S. economy. The Health Care Administration minor is an option for any student. It may be of particular interest to students majoring in business, information systems, nursing, health and exercise science, or pursuing pre-law, pre-pharmacy, pre-physical therapy or pre-medical programs of study.

HCA 402A--The Evolving Healthcare System I	3 SH
HCA 402B--The Evolving Healthcare System II	3 SH
HCA 400-level elective	3 SH
HCA/HIM 400-level elective	3 SH

## MASTER OF SCIENCE IN HEALTH SERVICES ADMINISTRATION

### PROGRAM DESCRIPTION

The Master of Science in Health Services Administration degree, housed in the Division of Health Services Education (HSE), prepares graduates for a variety of roles in health services management and administration. Employment settings include hospitals, other health care facilities, medical group practices, health care management companies, state and federal agencies, insurance and managed care companies, technology firms, and educational institutions.

The curriculum is offered in an online format and is designed to build on an undergraduate foundation in health care management and/or prior health care experience. With minimal introductory content, the curriculum contains a challenging master's core with advanced practice courses in the management of finance, operations, quality, and technology. Course curriculum makes extensive use of case studies and applied projects. Special topic courses allow individual students to custom design learning experiences in specific areas of interest and expertise. With prior approval, courses may also be taken from other graduate programs at Regis University including the Master of Business Administration (MBA). In addition to advanced practice content, the curriculum promotes the further development of leadership abilities along with a deeper appreciation of the social and ethical obligations and conflicts inherent within the industry.

### ADMISSION

The ideal candidate for the Master of Science in Health Services Administration degree holds a baccalaureate degree in a health related field with two to three years of management experience in a health care setting. Applications are individually evaluated on the basis of the following admission criteria:

- A baccalaureate degree from a regionally accredited college or university or evidence that undergraduate degree requirements will be met no later than the term prior to admission.
- A minimum undergraduate cumulative grade point average of 3.000 on a 4.000 scale or a satisfactory score on the Graduate Record Exam (GRE) or the Graduate Management Admission Test (GMAT).
- Two letters of recommendation from persons familiar with the applicant's academic and/or professional potential.
- An admission essay (minimum 750 words with appropriate references) addressing an issue specified in the application materials.
- A current resume or other documentation of professional experience.
- A personal or phone interview may be required. This may be waived for HCA progression students.
- A completed application form including non-refundable application fee. The application fee is waived for Regis University undergraduates.

NOTE: All documents submitted during the application process become the property of Regis University.

### Admission through HSE Undergraduate Progression

Qualified students in the undergraduate HCA program are encouraged to progress into the MS program. These students complete the same application process. Students must provide evidence that undergraduate degree requirements will be met no later than the term prior to admission. Students who progress within a three-year timeframe are eligible for the HSE Progression option at thirty credits.

### Probationary Admission

Students who show promise for the program, but who do not meet all admission criteria, may be admitted on a probationary basis. Under the probationary status, students must attain a grade of "B" or better in the first nine hours of graduate coursework. (A grade of B- is not acceptable.) Successful completion of the first nine hours of coursework with a 3.000 grade point average removes the probationary status and entitles students to good academic standing. Probationary admissions may not exceed 10% of an incoming enrollment.

### Conditional Admission

The academic program may allow a student to be conditionally admitted when identified conditions must be met prior to starting classes at Regis as a degree or certificate seeking student. These conditions are outlined for the applicant within a "terms and conditions" letter issued by the Office of Admissions. Examples of conditional requirements include prerequisite course completion, background check completion, or international document submission required to start classes in the identified degree or certificate program.

Also in this category are applicants who are actively enrolled as undergraduate students (at any regionally accredited institution) at time of applying to one of Regis' graduate programs. These active undergraduate applicants are permitted to enroll for the first eight week or five week term with current unofficial transcripts, but unable to enroll in future classes until official transcripts are received.

### Provisional Admission

An applicant may be admitted provisionally based on meeting the requirements for admission and is eligible to begin classes, but must complete outstanding prerequisite courses within a defined timeframe after enrollment, to continue at Regis. Should the outstanding prerequisite course(s) within the defined timeframe not be completed, the student will not be able to enroll for future classes at Regis within that program. It is up to the college and specified program requirements to determine the timeframe after enrollment for prerequisite course completion.

### COMPUTER REQUIREMENT

All students are expected to have ready access to a personal computer with word processing, spreadsheet, graphics/presentation software, a webcam, speakers, and Internet connectivity. Microsoft Office Suite is recommended and is available on all campus lab computers. Selected courses may be enhanced with the use of e-mail and other technologies to communicate and exchange learning materials.

### STUDENT ADVISING

Students are assigned an academic advisor upon admission to the program. Advisors counsel students on meeting the requirements for the graduate program; however, it is the student's responsibility to schedule advising appointments and to complete all degree requirements.

### PROGRAM PROGRESSION

Candidacy for the Master of Science in Health Services Administration degree at Regis University requires successful completion of course requirements and a master's project. The 36 semester hour program may be completed in 18 months of full-time study. Six semester hours per eight-week term constitutes full-time study. There is a five year time limit for completion of all degree requirements. This time limit is computed from the time of matriculation. If students wish to complete the degree after the time limit has expired, readmission to the program is required and new program requirements may be in effect.

In order for progression through the HSA program to occur, students must meet the following grade requirements:

- Candidates must maintain a minimum 3.000 (B) cumulative grade point average.
- No grade may be lower than "C", regardless of grade point average. A grade lower than "C" is not counted toward

graduation but is included in the student's cumulative grade point average.

- Graduate students who receive the grade "C-" or lower for a 600-level course must repeat the course.
- Students may not enroll in the HSA Project course (HSA 696) with a grade point average less than a 3.000.

### TRANSFER OF CREDIT POLICY AND PROCEDURE

Acceptance of transfer credit is permitted at the discretion of the department director. Transfer credits are considered only for courses taken at a regionally accredited school and for coursework for which a letter grade not less than a "B-" was earned. Additionally, the course must have been completed within the last three years. Students wishing to transfer credit into the Master of Science in Health Services Administration degree program must forward a letter stating the request and provide an official school transcript of the coursework. A copy of the course syllabus may also be necessary.

### GRADUATION

Students graduate the semester that all requirements are met and documentation of such is received in the Office of Academic Records and Registration by the designated deadline. Graduation requirements include:

- Satisfactory completion of required academic coursework.
- A minimum cumulative grade point average of 3.000.
- Satisfactory completion of a master's project. Incomplete grades, falling below the required cumulative grade point average, late application for graduation, or late receipt of transcripts
- Incomplete grades, falling below the required cumulative grade point average, late application for graduation, or late receipt of transcripts of transfer credit may delay graduation and awarding of the degree to a subsequent semester.

For additional information on Commencement and Graduation, refer to the General Information section of this *Catalog*.

### DEGREE REQUIREMENTS

<i>Total Degree Requirements</i>	<i>30-36 SH</i>
HCE 600--Organizational Ethics and Health Care Compliance	3 SH
HSA 601--Leadership and Organization Development in Health Care Settings	3 SH
HSA 602--Strategic Planning and Development in Health Services	3 SH
HSA 660--Methods of Inquiry and Research	3 SH
HSA 680--Contemporary Issues in Health Services Delivery Systems	3 SH

HSA 696--Master's Project in Health Services Administration	3 SH
HSA 604--Foundations of Health Care Economics, Accounting and Financial Management	3 SH
HSA 624--Assessment of Quality Care and Patient Safety	3 SH
HCI 650 --Health Care Informatics and Information Management In Health Care Settings	3 SH
HSA 663--Advanced Concepts of Health Care Finance	3 SH
Electives (600-level)	6 SH

## HEALTH SERVICES EDUCATION CERTIFICATES

### ADMISSION

The ideal candidate for the Health Services Education certificate holds a baccalaureate degree in Health Care Administration or a baccalaureate degree in a business, clinical or health related field with two to three years of management experience in a health industry setting and has some experience with health care systems. Applications are individually evaluated on the basis of the following admission criteria:

- A baccalaureate degree from a regionally accredited college or university or evidence that undergraduate degree requirements will be met no later than August of the current year.
- A minimum undergraduate cumulative grade point average of 3.000 on a 4.000 scale or an admission essay (minimum 750 words with appropriate references) addressing an issue specified in the application materials.
- A current resume or other documentation of professional experience.
- A personal interview. This may be waived for HSE progression students.
- A completed application form including non-refundable application fee. The application fee is waived for Regis University undergraduates.

NOTE: Applicants without degrees or experience in a health-related field may be required to take prerequisite course work. All documents submitted during the application process become the property of Regis University.

## HEALTH CARE BUSINESS MANAGEMENT CERTIFICATE REQUIREMENTS

*Total Certificate Requirements\** 12 SH

Twelve semester hours selected from the following:

HCE 600--Organizational Ethics and Health Care Compliance	3 SH
HSA 601--Leadership and Organization Development in Health Care	3 SH

HSA 602--Strategic Planning and Development in Health Services	3 SH
HSA 620--Marketing and Public Relations in Health Care Settings	3 SH
HSA 624--Assessment of Quality Care and Patient Safety	3 SH
HSA 630--Medical Practice Management	3 SH
HCI 650--Health Care Informatics and Information Management In Health Care Settings	3 SH
HSA 652--Human Resources in Health Care Settings	3 SH
HSA 663--Advanced Concepts of Health Care Finance	3 SH

## HEALTH CARE QUALITY AND PATIENT SAFETY CERTIFICATE REQUIREMENTS

<i>Total Certificate Requirements*</i>	12 SH
HSA 624--Assessment of Quality Care and Patient Safety	3 SH
HSA 670--Biostatistics and Health Data Analysis	3 SH
HSA 672--Managing Patient Safety and Organizational Risk	3 SH
HSA 674-- Issues and Trends in Quality and Patient Safety	3 SH

\*Note: HSA 625E is also recommended

## LORETTO HEIGHTS SCHOOL OF NURSING

### BACHELOR OF SCIENCE IN NURSING

Within the framework of the mission and goals of the University, the undergraduate programs in the Loretto Heights School of Nursing (LHSON) have as their dominant focus a holistic, individualized, and humanistic approach to the individual, family, and community. The curriculum is organized to focus on critical thinking, ethical decision-making, and social responsibility. Upon successful completion of the undergraduate program, each graduate receives the Bachelor of Science in Nursing (BSN) degree which prepares students for professional practice in a variety of health care agencies and for graduate study. Graduates are eligible to take the state board licensure examination in any state.

### Traditional Nursing Program

The Traditional Nursing Program extends over four academic years. The upper division nursing courses are based on the humanities, behavioral science, and natural science courses taken in the freshman and sophomore years. Clinical experiences and service learning augment classroom and skills and simulation laboratory learning experiences. Because the nursing curriculum is structured sequentially, failure to complete a course successfully may require students to wait a full year to repeat coursework and reenter the sequence.

### Accelerated Nursing Program

The Accelerated Nursing Program is designed to meet the needs of individuals who are seeking a second degree and/or wish to make a career change. Accelerated students complete their nursing coursework in approximately 12 months. Clinical experiences and service learning augment classroom and skills and simulation laboratory learning experiences. To be accepted into the Accelerated Nursing Program, students must have a previously earned non-nursing baccalaureate and/or graduate degree and have met the criteria for acceptance into the undergraduate program in Nursing, including completion of all necessary prerequisites. Since the Accelerated Nursing Program is intense and fast-paced, it is strongly recommended that students not be employed.

### CHOICE Nursing Program

The CHOICE (Connecting Health Occupations with Innovative Curriculum and Experience) Nursing Program provides health care workers with the opportunity to pursue a nursing degree while maintaining full-time employment. The CHOICE Nursing Program offers evening classes, with clinical rotations scheduled primarily on the weekend. The program requirements are the same as those for the other prelicensure programs, and prerequisite course requirements must be met prior to beginning the program. Clinical experiences and service learning augment classroom and skills and simulation laboratory experiences. The program is completed within two years (six consecutive semesters). While CHOICE is designed for health care workers, applicants who do not currently work in the health care industry may apply, pending space availability.

### RN-BSN Program

Acceptance into the undergraduate nursing BSN degree completion program requires a current unrestricted or unencumbered professional RN license in the state in which the student's clinical/practicum experience will be completed. One year of experience in nursing practice as a Registered Nurse is recommended.

Coursework in this program is provided in an eight-week accelerated format and delivered both online and in a campus-based format. Practicum experiences and service learning augment online and campus-based learning experiences. The length of time to complete the Bachelor of Science in Nursing degree depends upon the academic background of the individual RN student and generally takes 16 to 22 months.

All requirements for the Bachelor of Science in Nursing degree are completed through enrollment in Regis University classes, transfer credits, and/or examination. A minimum of 30 semester hours must be completed through Regis University. The University grants credit by examination to individuals who have developed college-level knowledge outside the formal classroom situation and can successfully demonstrate the knowledge.

The LHSON fully supports the Colorado Nursing Articulation Model. This model permits nurses who are graduates of associate degree or diploma programs to enter the program without testing and receive up to 33 semester hours of credit for prior learning. Certain restrictions apply and applicants are advised to consult with the RN-BSN Program admission counselor.

### Applicants with an Associate's Degree in Nursing – Block Transfer

Applicants with an Associate's Degree in nursing are eligible to receive a minimum of 66 semester hours of credit from their previous ADN program as a block transfer if they meet the following requirements:

1. Completion of an ADN program at a regionally accredited institution;
2. Completion of an ADN program consisting of at least 66 semester hours; and
3. Licensure as a registered nurse who passed the N-CLEX national examination.

In addition to the block transfer of at least 66 credits, students also must complete:

1. 27 semester hours of upper division nursing courses and 3 semester hours of Health Care Ethics at Regis;
2. Regis core studies requirements comprised of 3 semester hours of philosophy and 6 semester hours of religious studies;
3. 3 semester hours of statistics;
4. 6 semester hours of upper division electives; and
5. Up to 6 semester hours of general electives. Students are advised to choose electives from the liberal arts and humanities.

This coursework meets the 120 semester hour total required for the award of Bachelor of Science in Nursing degree.

### Challenge Examinations

Predominately two types of examinations are available for RN students to challenge selected lower division (freshman and sophomore level) courses. These include the College Level Examination Program (CLEP) tests and the DANTES Subject Standardized Tests (DSST). A third testing option is available for RN students to earn credit in nutrition, anatomy and physiology, and microbiology by taking the National League for Nursing (NLN) exams. It is important for students currently enrolled in the LHSON RN-BSN or RN to MS Nursing Programs to note that the NLN exam is the only one of the three challenge examinations that meets the semester hour requirements for nutrition (3), anatomy and physiology (8), and/or microbiology (4).

The courses and sequence of courses for the RN-BSN and RN to MS Nursing Programs differ from those in the prelicensure (Traditional, Accelerated, and CHOICE) Nursing Programs. Nevertheless, all Regis University LHSON students meet the same outcomes in order to earn the Bachelor of Science in Nursing degree.

### RN to MS Nursing Program

The RN to MS Nursing Program is designed to meet the needs of registered nurses who want to earn both a Bachelor of Science in Nursing (BSN) and a Master of Science degree in Nursing. The program offers online and/or campus-based classes in an eight-

week accelerated format. Practicum experiences and service learning augment course work.

All requirements for the BSN are completed for the RN-BSN Program with the exception of three courses which are completed at the graduate level (from the MS degree in Nursing). Leadership in Health Care Systems is the specialization of the graduate portion of the program. Students focus either on management or education in this portion of the program.

## UNDERGRADUATE NURSING ADMISSION

### High School Graduates

Prospective freshmen who wish to apply to the Traditional BSN program and to be eligible for Guaranteed Admission should complete the following requirements:

- Complete the Regis Freshman Application or The Common Application. Regis University accepts the Common Application in lieu of its own application and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request that official high school transcripts be forwarded to Regis University's Office of Admissions. (Transcripts must be official and may not be stamped Student Copy.)
- High school seniors should have their official ACT and/or SAT test results forwarded to the Office of Admissions from their high school or testing agency. (ACT code: 0526; SAT code: 4656.)
- Applicants should include a personal statement or essay with their application. This will allow the admissions committee to get to know the applicant better.
- Applicants should submit one letter of recommendation either from a high school counselor or a teacher.
- Applicants are strongly encouraged to schedule a visit to campus to attend an information session and tour campus.

Once accepted into Regis University, the admissions office asks the applicant to confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### Traditional Nursing Program Guaranteed Admission

Guaranteed Admission is an opportunity to earn a guaranteed spot in the Traditional BSN program. Eligibility is based on an exceptional set of rigorous standards as outlined below. Students not meeting Guaranteed Admission are still eligible to apply to the Traditional BSN program and have their applications competitively reviewed.

Newly matriculated freshmen attending Regis University (specifically Regis College) may be eligible for Guaranteed Admission into the Bachelor of Science in Nursing (BSN) Traditional option if they successfully meet all the following requirements:

- Cumulative grade point average of 3.25 or above (includes coursework completed at Regis College and any other regionally accredited institutions at which student has completed coursework)

- Cumulative science grade point average of 3.25 or above, calculated from the following courses:

CH206A/207A--Chemistry lab/lecture

BL 274/275--Anatomy lab/lecture

BL 276/277--Physiology lab/lecture

BL 254/255--Microbiology lab/lecture

- Grade of "C" or better in all Regis University coursework
- Recommendation of pre-professional advisor

### Conditions of Eligibility:

Students meeting the above requirements must also meet the following conditions to maintain eligibility to progress into the Traditional BSN program in the junior year:

- Students must successfully complete two years of full time study (four semesters) through Regis College.
  - Pre-nursing students may participate in Regis University's Study Abroad program opportunities, but must make appropriate plans with the academic advisor in order to maintain eligibility for Guaranteed Admission.
- Students must successfully complete all four science prerequisites through Regis College.
  - Students transferring in prerequisite science credits via Advanced Placement (AP), International Baccalaureate (IB), or dual enrollment are ineligible for Guaranteed Admission.
  - Three of the four sciences must be complete to be considered for Guaranteed Admission.
- Students must receive grades of "C" or better in all Regis University coursework.
  - A student who receives a grade of C- or below is ineligible for Guaranteed Admission consideration.
  - Withdrawal from a pre-nursing requisite course needs the approval of the pre-professional advisor for the student to remain eligible for Guaranteed Admission.
- Students must complete NR 410 Introduction to the Profession of Nursing course with a passing grade on the first attempt. Passing grade is "C" or above. Students who fail to complete NR 410 with a grade of "C" or above are ineligible for Guaranteed Admission.
- Students have one opportunity to earn Guaranteed Admission. Students who do not successfully complete the Guaranteed Admission requirements, or maintain the conditions of eligibility, will forfeit the opportunity to be considered for Guaranteed Admission in the future.



- Only new freshman entering Regis College are eligible for Guaranteed Admission consideration. Transfer students are ineligible.
- Due to the insufficient course offerings available in the College of Contemporary Liberal Studies, particularly related to science offerings, students enrolled in a College of Contemporary Liberal Studies program are not eligible for Guaranteed Admission.

#### **Procedures:**

1. All pre-nursing students must meet with the pre-professional advisor to sign the Guaranteed Admission Policy Agreement at the time of matriculation.
2. Evaluation for Guaranteed Admission occurs after fall semester of the students' eligibility year (fall semester, sophomore year). Students earning progression are admitted conditionally, pending successful completion of the pre-nursing curriculum requirements consistent with Guaranteed Admission eligibility requirements. Admitted students are re-evaluated at the completion of the fourth term (spring semester, sophomore year) to ensure eligibility.
3. Students not meeting Guaranteed Admission eligibility at the end of their third semester (fall semester, sophomore year) must submit additional application materials and are competitively evaluated by the LHSON Student Affairs Committee.
4. Regis University students who request a change of major into pre-nursing must make an appointment with the pre-professional advisor to determine eligibility for the Guaranteed Admission program.

There is no appeals process for students not admitted to the Traditional BSN via the Guaranteed Admission policy.

### **TRADITIONAL AND PRELICENSURE PROGRAMS**

All applications for admission to an undergraduate nursing program require a completed application form and may include a nonrefundable application fee.

#### **Traditional, Accelerated, and CHOICE Nursing Programs Admission Requirements**

All applicants for admission are reviewed using guidelines established by the LHSON Student Affairs Committee. All Accelerated and CHOICE applicants must have completed all pre-requisite courses prior to admission into the program. The admission process for all prelicensure programs is a competitive process. Only students who meet the following minimum criteria are eligible to be considered for acceptance into the Traditional, Accelerated, or CHOICE program:

- A grade of "C-" (1.670) or better in all prerequisite courses required for the major in Nursing.
- A minimum cumulative grade point average of 2.75 on a 4.000 scale.

- Ability to meet all the requirements for licensure and the physical, psychological and emotional standards established by the Colorado Nurse Practice Act and the State Board of Nursing.
- Submission of a complete application with application fee.
- Professional resume
- One page essay addressing the provided essay prompt.
- Two recommendation forms completed by professional persons knowledgeable about the applicant's academic, professional, and leadership potential.
- Official transcripts from each post-secondary school attended.
- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance into the Program.
- The ability to become certified in CPR.

#### **Prelicensure Admission Requirements related to Clinical/Practicum Agency Regulations**

Clinical agencies have specific requirements for both criminal background checks and drug screening. To ensure that LHSON students are able to attend the essential clinical experiences needed to complete their programs, all prelicensure program students must provide documentation of an acceptable drug screening (which may be repeated at the discretion of the LHSON at any time throughout the program) and criminal background check from the firm with which Regis University has contracted. Although prelicensure program applicants may have already completed background checks elsewhere, Regis University cannot use these results for this purpose.

A complete health history and physical examination record indicating that the student is physically able to meet the objectives of the Bachelor of Science in Nursing Program, and is appropriately immunized is required upon admission to the program. Students who have been accepted into the program must have received the first two of three injections that provide immunization against Hepatitis B prior to beginning clinical activities. The third injection must be received at the appropriate time thereafter.

#### **Prelicensure Essential Functions**

All prelicensure programs of the undergraduate nursing program are designed to educate nurses competent in health assessment, diagnosis of nursing problems, planning patient care, implementing nursing interventions, and evaluating outcomes for individuals, families, and groups in health care facilities and communities. The LHSON has identified the observational, cognitive, affective, and psychomotor skills it deems essential to complete the program. If a student cannot demonstrate the essential functions, skills, and abilities, it is the responsibility of the student to request through the University's Office of Disability Services appropriate accommodations. If a student fails to disclose fully the inability to demonstrate any functions, skills,

and abilities during the application process, accommodation cannot be assured. The University will provide reasonable accommodations as long as they do not impose an undue hardship.

### **Traditional Nursing Honors Program Admission Requirements**

To be invited to apply to the Nursing Honors Program, students must be matriculated fulltime students with junior year standing in the Traditional BSN Program and have a cumulative grade point average of 3.5 or greater on a 4.000 scale. Eligible students receive an invitation to apply at the beginning of the fall semester of the junior year. Selection for the program is competitive and determined by the Nursing Honors Steering Committee. Total enrollment in the Nursing Honors Program each year is limited to 10% of the junior class.

## **POST-LICENSE PROGRAMS**

### **RN-BSN and RN to MS Programs Admission Requirements**

All applicants for admission are reviewed using guidelines established by the LHSON Student Affairs Committee. Students who meet minimum criteria are considered for acceptance into the Undergraduate Nursing Program. Applicants to the RN to MS program must meet requirements of the LHSON graduate program upon admission to the RN-BSN component of the RN to MS program.

### **RN-BSN Program-Specific Admission Requirements**

Applicants must be Registered Nurses (RN) with current unrestricted or unencumbered RN licensure in the United States. Work experience as a RN prior to enrollment is highly recommended. RNs who earned an Associate Degree in Nursing or who graduated from a diploma program may articulate into the RN-BSN Program without testing of prior nursing knowledge.

Applicants who graduated from a nursing program more than three years prior to admission, may be required to have a minimum of 1,000 hours of nursing work experience in the last three years or have successfully completed a Colorado Council on Nursing Education approved refresher course or an approved refresher course in their current state of nursing practice.

All applicants for admission are reviewed using guidelines established by the LHSON Student Affairs Committee. Students who meet the following minimum criteria are considered for acceptance into the RN-BSN Program:

- A minimum grade point average of 2.5 on a 4.000 scale.
- Submission of a complete application with application fee
- Professional resume
- Official transcripts from each post-secondary school attended.
- Two recommendation forms completed by professional persons knowledgeable about the applicant's academic,

professional, and leadership potential. One recommendation must be from a current employer or supervisor.

- Preliminary evaluation of transcripts. Credits are accepted in transfer with a grade of "C-" or better from regionally accredited schools as well as from approved testing programs (CLEP, DSST, NLN) in accordance with established Regis University policies. The LHSON undergraduate program requires a grade of "C-" (1.667) or higher in all departmental prerequisites and non-nursing upper division electives. The School requires a grade of "C" (2.000) for all nursing courses.
- Evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the applicant will complete clinicals/practica is required prior to the first clinical/practicum course.
- The ability to become certified in CPR.

Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.

### **RN to MS Nursing Program-Specific Admission Requirements**

Consistent with the Colorado Nursing Articulation Model, applicants must be Registered Nurses (RN) with current unrestricted or unencumbered RN licensure. Work experience as a RN prior to enrollment is highly recommended. RNs who earned an Associate Degree in Nursing or who graduated from a diploma program may articulate into the RN to MS Nursing Program without testing of prior nursing knowledge. Students should refer to the Articulation Model brochure, available from the Rueckert-Hartman College for Health Professions Office of Admissions, for restrictions that may apply.

Applicants who graduated from a nursing program more than three years prior to admission may be required to have a minimum of 1,000 hours of nursing work experience in the last three years or have successfully completed a Colorado Council on Nursing Education approved refresher course or an approved refresher course in their current state of nursing practice.

All applicants for admission are reviewed using guidelines established by the LHSON Student Affairs Committee. Admission to the RN to MS Nursing Program is based on individual evaluation in accordance with the following minimum admission requirements:

- A minimum undergraduate cumulative grade point average of 2.750 on a 4.000 scale. A grade of "C" or better in all undergraduate nursing courses. A grade of "C-" is not acceptable.
- Submission of a complete application with application fee
- Professional resume
- One page essay describing how master's level education in nursing will impact the applicant's practice.



- Three recommendations from professional persons knowledgeable about the applicant's academic, professional and leadership potential. One recommendation must be from a current employer or supervisor.
- Official transcript from each post-secondary school attended.
- Evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the applicant will complete the practicum is required prior to the first clinical/practicum course.
- A grade of "C" or better in an introductory course in statistics that includes inferential as well as descriptive statistics. This course may be taken after admission, but must be taken before NR 602--Advanced Application of Research for Evidence-Based Practice.
- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.
- Two years of clinical practice as a Registered Nurse is preferred for all applicants.
- Current American Heart Association (AHA) Basic Life Support (BLS) for health care professional certification.

#### **Applicants with an Associate's Degree in Nursing – Block Transfer**

Applicants with an Associate's Degree in nursing are eligible to receive a minimum of 66 semester hours of credit from their previous ADN program as a block transfer if they meet the following requirements:

1. Completion of an ADN program at a regionally accredited institution;
2. Completion of an ADN program consisting of at least 66 semester hours; and
3. Licensure as a registered nurse who passed the N-CLEX national examination.

In addition to the block transfer of at least 66 credits, students also must complete:

1. 27 semester hours of upper division nursing courses and 3 semester hours of Health Care Ethics at Regis;
2. Regis core studies requirements comprised of 3 semester hours of philosophy and 6 semester hours of religious studies;
3. 3 semester hours of statistics;
4. 6 semester hours of upper division electives; and
5. Up to 14 semester hours of general electives. Students are advised to choose electives from the liberal arts and humanities.

This coursework meets the 120 semester hour total required for the award of Bachelor of Science in Nursing degree.

#### **Other Registered Nurse Applicants**

Applicants with an Associate's Degree in nursing from a non-regionally accredited school or one which does not require 66 semester hours or more as well as graduates from diploma RN program will be awarded 33 hours for RN licensure as guided by the Colorado Articulation Model upon acceptance into the program. Non-nursing / non-nutrition courses previously completed will be evaluated individually for transfer into the Regis University degree plan.

#### **RN-BSN and RN to MS Program Admission Requirements related to Clinical/ Practicum Agency Regulations**

Clinical agencies have specific requirements for both criminal background checks and drug screening. To ensure that LHSON students have access to essential clinical/practicum experience needed to complete their program:

Students must provide documentation of a criminal background check and an acceptable drug screening from the firm with which Regis University has contracted. Documentation of an acceptable drug screening may be required at any time throughout the program at the discretion of the LHSON.

A complete health history and physical examination record indicating that the student is physically able to meet the objectives of the Program, and is appropriately immunized is required upon admission to the program. Students who have been accepted into the program must have received the first two of three injections that provide immunization against Hepatitis B prior to clinical activities. The third injection must be received at the appropriate time thereafter.

#### **RN-BSN and RN to MS Program Essential Functions**

The RN-BSN Program and RN to MS Nursing Program BSN segment are designed to prepare registered nurses to plan, implement, and evaluate nursing care for individuals, families, and groups and to assume nursing leadership roles in health care facilities and communities. The LHSON has identified the observational, cognitive, affective, and psychomotor skills it deems essential to complete the program. If a student cannot demonstrate the essential functions, skills, and abilities, it is the responsibility of the student to request through the University Office of Disability Services appropriate accommodations. If a student fails to disclose fully the inability to demonstrate any functions, skills, and abilities during the application process, accommodation cannot be assured. The University will provide reasonable accommodation as long as they do not impose an undue hardship.

#### **Undergraduate Nursing Certificate In Gerontology Admission Requirements**

Admission to the certificate program in gerontology requires:

- G.P.A. of 2.5 or better
- Two recommendations from professional persons

knowledgeable about the applicant's academic, professional and leadership potential. One recommendation must be from a current employer or supervisor.

- Official transcripts from each post-secondary school attended
- RN with degree/diploma in nursing
- Current license to practice in the state of field experience

## ADDITIONAL UNDERGRADUATE NURSING ADMISSION CATEGORIES

### Admission on Probation

Traditional students who do not meet the seamless progression policy may be granted Admission on Probation pending completion of outstanding pre-requisite courses at or above the level specified by the Student Affairs Committee and department director on their application review.

### Non-Degree Seeking/Special Students

Non-degree seeking students are not eligible to take *pre-professional requirement* or upper division major coursework in prelicensure programs (competitive admission programs).

Non-degree seeking students may take a maximum of nine semester hours. Courses can be taken either on a Pass/No Pass or graded basis. Additional semester hours may be taken with the approval of the appropriate department chair.

Students seeking admission as a non-degree seeking/special student must:

- Submit a completed non-degree seeking/special student application
- Submit proof of Professional Licensure (for post-licensure programs)

Non-degree seeking students who wish to matriculate into a degree seeking program must apply and meet all admission requirements for that degree. Courses taken by non-degree seeking students will apply to degree requirements if the courses are appropriate for the selected degree and taken on a graded basis.

Non-degree seeking students are not eligible for financial aid or veteran's benefits.

## DENIAL OF ADMISSION

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption of the academic or clinical processes of the LHSON, the Rueckert-Hartman College for Health Professions, or Regis University.

## UNDERGRADUATE NURSING AND COMPUTER LITERACY AND ACCESS

Students are required to have an understanding of computers. Students are assigned a RegisNET e-mail account in their first semester of enrollment in the program. Students are expected to be literate in using e-mail, Internet, and database services. All students in the Online RN-BSN or RN to MS Nursing Programs must have ready access to a computer system compliant with the RHCHP systems requirements and configuration for Regis University's learning management system. Students should consult the Regis University website for further information at [www.regis.edu](http://www.regis.edu).

## UNDERGRADUATE NURSING PROGRAM PROGRESSION AND GRADE REQUIREMENTS

All programs for the Bachelor of Science in Nursing degree have a five year time limit for completion of all degree requirements except for the RN to MS Nursing Program which has a five year time limit to complete the BSN degree and an additional five year time limit to complete the MS in Nursing degree. This time limit is computed from the time of matriculation. If a student wishes to complete the degree after the time limit has expired, readmission to the program may be required.

## TRADITIONAL, ACCELERATED, CHOICE, AND RN-BSN PROGRAM PROGRESSION

In order for progression through the Undergraduate Nursing Programs to occur, students must, in the judgment of the faculty, demonstrate the following:

- Achievement of a grade of "C" or better in each nursing course (including nursing electives). A grade of "C-" is not acceptable.
- Adequate psychological, physical, and emotional fitness for nursing skills to be performed.
- Communication skills adequate for the demands of nursing.

## RN TO MS NURSING PROGRAM

Candidacy for the Bachelor of Science in Nursing and Master of Science degree in Nursing at Regis University requires completion of course requirements and a final comprehensive evaluation for the MS degree.

In order for progression through the RN to MS Nursing Program to occur, students must, in the judgment of the faculty, demonstrate the following:

- A minimum cumulative grade point average of 3.000 is required to graduate. The grade of "C" is a passing grade and counts toward graduation; however, students who receive a grade of "C" in two courses at the 600-level are subject to academic review. A candidate is required to maintain a minimum 3.000 ("B") average, but no grades may be lower than "C" regardless of grade point average. Students who receive the grade "C-" or lower must repeat the course.

- Adequate emotional and physical fitness for the nursing skills to be performed.
- Communication skills adequate for the demands of nursing.

Students may not progress to the 600-level courses until they have completed all of the requirements for a baccalaureate degree, except for the final BSN leadership practicum NR 485R--Leadership in Nursing Capstone, without written approval from the department director.

## FAILURE OF AN UNDERGRADUATE NURSING COURSE

Undergraduate nursing students who fail a nursing course:

- Should contact their academic advisor and appropriate department director regarding possible options for proceeding after a course failure.
- May be allowed to repeat a nursing course one time only with faculty recommendation and the approval of the LHSON Student Affairs Committee and the appropriate department director.
- May progress to another course provided the failed course is not a prerequisite course, and they have faculty recommendation and the approval of the LHSON Student Affairs Committee and the appropriate department director.

**NOTE:** Students have the right to protest a grade received in a course. See "Appeals of Disputed Grades" in the RHCHP General Information Section of this Catalog.

Undergraduate and RN to MS Nursing Program students may not progress in the program after two nursing course failures and are therefore dismissed from the nursing program.

### Learning Contracts for Remediation

In the case of need for remediation of academic, clinical, and/or behavioral issues identified by a department director in consultation the appropriate program coordinator and/or course, clinical and/or clinical faculty a Remediation Learning Contract may be required of a student in order to progress in the program. A Remediation Learning Contract is a written agreement between the student and the LHSON that details the specific activities, behaviors, and timeframes for remediation of the identified academic, clinical, and/or behavioral issues. Additional information about the Remediation Learning Contract is found in the LHSON Student Handbook. Violation of any term or terms of a Remediation Learning Contract may be grounds for course failure and/or dismissal from the nursing program.

## UNDERGRADUATE NURSING STUDENT ADVISING

Undergraduate nursing students are assigned an academic advisor upon admission who assists them with planning their program of study. Students and advisors discuss the terms of the program requirements at appropriate intervals during the program. Advisors counsel students on meeting the requirements for the undergraduate program; however, it is the student's responsibility to schedule advising appointments and to complete all degree requirements.

## UNDERGRADUATE NURSING TRANSFER OF CREDIT POLICY AND PROCEDURE

Policies and procedures for transfer of credit are applied in concert with policies regarding Transfer/Competency-Based Credit in this Catalog in the General Information Section and RN-BSN Program Admission Requirements and the Colorado Nursing Articulation Model in the RHCHP Section.

The acceptance of transfer credit for the BSN is done at the discretion of the appropriate department director in compliance with the following: Transfer credit is considered only for courses taken at regionally accredited colleges and universities and for course work for which a letter grade not less than a "C-" was earned. Courses older than three years must be reviewed by the appropriate department director. An official school transcript of the course work and a copy of the course syllabus are required.

## BACHELOR OF SCIENCE IN NURSING GRADUATION REQUIREMENTS

Students graduate on a given date following the semester that all requirements are met and documentation of such is received in the Office of Academic Records and Registration by the designated deadline. Incomplete grades and late application for graduation may delay graduation to a subsequent semester.

Students must meet the following criteria to be awarded the Bachelor of Science Nursing:

- Satisfactory completion of required academic and clinical course work.
- A minimum cumulative grade point average of 2.000.
- Successful completion of all computer-based competency/assessment testing programs (e.g., Assessment Testing Inc. [ATI]) requirements (prelicensure students only).
- Recommendation for the degree by the faculty of the LHSON.

For additional information on Commencement and Graduation, refer to the General Information section of this Catalog and/or [www.regis.edu](http://www.regis.edu).

## BACHELOR OF SCIENCE IN NURSING DEGREE REQUIREMENTS

The courses and sequence of courses for the Bachelor of Science in Nursing differ for the various programs. Nevertheless, all Regis University LHSON students meet the same outcomes in order to earn the Bachelor of Science in Nursing degree.

## TRADITIONAL NURSING PROGRAM DEGREE REQUIREMENTS

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>24 SH</i>
English Composition	3 SH
Literature/Humanities/Oral and Written Communication	6 SH

Philosophy (3 SH must be in Health Care Ethics)	6 SH
Religious Studies	6 SH
Social Science/Economics/Business	3 SH
<i>Departmental Requirements***</i>	31 SH
BL 254--Introduction to Medical Microbiology	3 SH
BL 255--Introduction to Microbiology Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH
BL 275--Human Anatomy Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH
BL 277--Human Physiology Laboratory	1 SH
CH 206A--Chemistry for Health Related Sciences	3 SH
CH 207A--Chemistry for Health Related Sciences Laboratory	1 SH
MT 270/270C--Introduction to Statistics or	
MT 274--Statistics for the Health Professions	3 SH
NR 350--Normal and Therapeutic Nutrition	3 SH
PY 250--General Psychology	3 SH
PY 358--Lifespan Human Development	3 SH
SO 200--Introduction to Sociology	3 SH
Pre-Professional Requirement	4 SH
NR 410--Introduction to the Profession of Nursing	4 SH
Major Requirements	56 SH
NR 405A--Pathophysiology I	2 SH
NR 405B--Pathophysiology II	1 SH
NR 406A--Pharmacology I	2 SH
NR 406B--Pharmacology II	1 SH
NR 414--Health Assessment Across the Lifespan	4 SH
NR 420--Evidence-Based Practice in Nursing and Health Care Informatics	3 SH
NR 421--Clinical Reasoning: Integration of Theory and Practice	2 SH
NR 422--Clinical Leadership in Professional Nursing	3 SH
NR 455--Health Promotion, Disease Prevention, and Health Policy	3 SH
NR 462--Introduction to Managing Health Care of the Adult and Older Adult	4 SH
NR 463--Comprehensive Health Care Management of the Adult and Older Adult I	5 SH
NR 464--Complex Health Care Management of the Adult and Older Adult II	5 SH
NR 465--Maternal Newborn Nursing	4 SH
NR 470--Nursing Care of Children and Families	4 SH
NR 472--Community and Population Focused Nursing	4 SH
NR 473--Mental Health Nursing	4 SH
NR 483--Clinical Capstone: Professional Nursing Practicum	5 SH

<i>Upper Division Electives</i>	3 SH
<i>General Electives</i>	2 SH

## NURSING HONORS PROGRAM OF THE TRADITIONAL NURSING PROGRAM

Selected students in the Traditional Nursing Program who meet the qualifications for the Undergraduate Nursing Honors Program take the following courses as specified below in addition to the Traditional Nursing Program:

NR 401--Nursing Honors Seminar I	1 SH
NR 402--Nursing Honors Seminar II	1 SH
NR 403--Nursing Honors Seminar III	1 SH
NR 404--Nursing Honors Seminar IV	0 SH
NR 420H--Honors Evidence-Based Practice in Nursing and Health Care Informatics *	3 SH
NR 455H--Honors Health Promotions, Disease Prevention, And Health Policy *	3 SH
NR 472H--Community and Population Focused Nursing*	4 SH

\* NR 420H; NR 455H; NR 472H are taken in lieu of NR 420; NR 455, NR 472.

## ACCELERATED NURSING PROGRAM DEGREE REQUIREMENTS

<i>Total Degree Requirements</i>	120 SH
<i>Core Studies Requirements</i>	24 SH
English Composition	3 SH
Literature/Humanities/Oral and Written Communication	6 SH
Philosophy (3 SH must be in Health Care Ethics)	6 SH
Religious Studies	6 SH
Social Science/Economics/Business	3 SH
<i>Departmental Requirements***</i>	31 SH
BL 254--Introduction to Medical Microbiology	3 SH
BL 255--Introduction to Microbiology Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH
BL 275--Human Anatomy Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH
BL 277--Human Physiology Laboratory	1 SH
CH 206A--Chemistry for Health Related Sciences	3 SH
CH 207A--Chemistry for Health Related Sciences Laboratory	1 SH
MT 270--Introduction to Statistics or	
MT 274--Statistics for the Health Professions	3 SH
NR 350--Normal and Therapeutic Nutrition	3 SH
Psychology Course	3 SH
PY 358--Lifespan Human Development	3 SH

Sociology Course	3 SH	BL 276--Principles of Human Physiology	3 SH
<i>Pre-Professional Requirement</i>	4 SH	BL 277--Human Physiology Laboratory	1 SH
NR 410--Introduction to the Profession of Nursing	4 SH	CH 206A--Chemistry for Health Related Sciences	3 SH
<i>Major Requirements</i>	56 SH	CH 207A--Chemistry for Health Related Sciences Laboratory	1 SH
NR 405A--Pathophysiology I	2 SH	MT 270--Introduction to Statistics	
NR 405B--Pathophysiology II	1 SH	or	
NR 406A--Pharmacology I	2 SH	MT 274--Statistics for the Health Professions	3 SH
NR 406B--Pharmacology II	1 SH	NR 350--Normal and Therapeutic Nutrition	3 SH
NR 414--Health Assessment Across the Lifespan	4 SH	Psychology Course	3 SH
NR 420--Evidence-Based Practice in Nursing and Health Care Informatics	3 SH	PY 358--Lifespan Human Development	3 SH
NR 421--Clinical Reasoning: Integration of Theory and Practice	2 SH	Sociology Course	3 SH
NR 422--Clinical Leadership in Professional Nursing	3 SH	<i>Pre-Professional Requirement</i>	4 SH
NR 455--Health Promotion, Disease Prevention, and Health Policy	3 SH	NR--410 Introduction to the Profession of Nursing	4 SH
NR 462--Introduction to Managing Health Care of the Adult and Older Adult	4 SH	<i>Major Requirements</i>	56 SH
NR 463-- Comprehensive Health Care Management of the Adult and Older Adult I	5 SH	NR 405A--Pathophysiology I	2 SH
NR 464--Complex Health Care Management of the Adult and Older Adult II	5 SH	NR 405B--Pathophysiology II	1 SH
NR 465--Maternal Newborn Nursing	4 SH	NR 406A--Pharmacology I	2 SH
NR 470--Nursing Care of Children and Families	4 SH	NR 406B--Pharmacology II	1 SH
NR 472--Community and Population Focused Nursing	4 SH	NR 414--Health Assessment Across the Lifespan	4 SH
NR 473--Mental Health Nursing	4 SH	NR 420--Evidence-Based Practice in Nursing and Health Care Informatics	3 SH
NR 483--Clinical Capstone: Professional Nursing Practicum	5 SH	NR 421--Clinical Reasoning: Integration of Theory and Practice	2 SH
<i>Upper Division Electives</i>	3 SH	NR 422--Clinical Leadership in Professional Nursing	3 SH
<i>General Electives</i>	2 SH	NR 455--Health Promotion, Disease Prevention, and Health Policy	3 SH
		NR 462--Introduction to Managing Health Care of the Adult and Older Adult	4 SH
		NR 463--Comprehensive Health Care Management of the Adult and Older Adult	5 SH
		NR 464--Complex Health Care Management of the Adult and Older Adult II	5 SH
		NR 465--Maternal Newborn Nursing	4 SH
		NR 470--Nursing Care of Children and Families	4 SH
		NR 472--Community and Population Focused Nursing	4 SH
		NR 473--Mental Health Nursing	4 SH
		NR 483--Clinical Capstone: Professional Nursing Practicum	5 SH
		<i>Upper Division Electives</i>	3 SH
		<i>General Electives</i>	2 SH

## CHOICE NURSING PROGRAM DEGREE REQUIREMENTS

<i>Total Degree Requirements</i>	120 SH	*** The courses in the Departmental Requirements also meet the Rueckert-Hartman College for Health Professions Core Studies Requirements. The LHSON undergraduate program requires a grade of "C-" (1.667) or higher in all departmental prerequisites and non-nursing upper division electives. The department requires a grade of "C" (2.000) or higher for all nursing courses.
<i>Core Studies Requirements</i>	24 SH	
English Composition	3 SH	
Literature/Humanities/Oral and Written Communication	6 SH	
Philosophy (3 SH must be in Health Care Ethics)	6 SH	
Religious Studies	6 SH	
Social Science/Economics/Business	3 SH	
<i>Departmental Requirements***</i>	31 SH	
BL 254--Introduction to Medical Microbiology	3 SH	
BL 255--Introduction to Microbiology Laboratory	1 SH	
BL 274--Principles of Human Anatomy	3 SH	
BL 275--Human Anatomy Laboratory	1 SH	

**RN-BSN PROGRAM DEGREE REQUIREMENTS**

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>24 SH</i>
English Composition	3 SH
Literature/Humanities/Oral and Written Communication	6 SH
Philosophy (HCE 430--Applied Ethics in Health Care is required)	6 SH
Religious Studies	6 SH
Economics/Business	3 SH
<i>Departmental Requirements</i>	<i>27 SH</i>
BL 254--Introduction to Medical Microbiology	3 SH
BL 255--Introduction to Microbiology Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH
BL 275--Human Anatomy Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH
BL 277--Human Physiology Laboratory	1 SH
MT 270--Introduction to Statistics or	
MT 274--Statistics for the Health Professions	3 SH
NR 350--Normal and Therapeutic Nutrition*	3 SH
Psychology Course	3 SH
PY 358--Lifespan Human Development	3 SH
Sociology Course	3 SH
<i>Lower Division Nursing – Nursing Articulation</i>	<i>30 SH</i>
<i>Lower Division Nursing*</i>	<i>30 SH</i>
* 33 SH awarded for NR 350 and lower division nursing in accordance with the provisions of the Colorado Articulation Model.	
<i>Major Requirements</i>	<i>27 SH</i>
NR 444R--Professional Role Development	3 SH
NR 448R--Updates in Illness and Disease Management	3 SH
NR 452R--Contemporary Topics in Health Care	3 SH
NR 455R--Health Promotion Concepts	3 SH
NR 460R--Evidence-Based Practice in Nursing	3 SH
NR 466R--Community Health Nursing	3 SH
NR 478R--Community Health Nursing Practicum	3 SH
NR 480R--The Nurse Leader-Manager	3 SH
NR 485R--Leadership in Nursing Capstone	3 SH
<i>Upper Division Electives</i>	<i>6 SH</i>
<i>General Electives</i>	<i>6 SH</i>

NOTE: A minimum of 30 semester hours must be completed through Regis University.

**UNDERGRADUATE NURSING ACADEMIC CERTIFICATE**

<b>Gerontology</b>	<b>12 SH</b>
NR 423--Health Assessment and Health Promotion of the Aging Population	3 SH
NR 424--Pathophysiology and Pharmacology of the Aging Population	3 SH
NR 425--Management of the Care Environment of the Aging Population	3 SH
NR 429--Organizational and Health Policy Issues of the Aging Population	3 SH

**RN TO MS NURSING PROGRAM DEGREE REQUIREMENTS**

<i>Total Degree Requirements</i>	<i>158 SH</i>
<b><i>Bachelor of Science in Nursing Degree (BSN)</i></b>	
<i>Segment Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>24 SH</i>
English Composition	3 SH
Literature/Humanities/Oral and Written Communication	6 SH
Philosophy (HCE 604--Ethics for Nurse Leaders is required)	6 SH
Religious Studies	6 SH
Economics/Business	3 SH
<i>Departmental Requirements</i>	<i>27 SH</i>
BL 254--Introduction to Medical Microbiology	3 SH
BL 255--Introduction to Microbiology Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH
BL 275--Human Anatomy Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH
BL 277--Human Physiology Laboratory	1 SH
MT 270--Introduction to Statistics or	
MT 274--Statistics for the Health Professions	3 SH
NR 350--Normal and Therapeutic Nutrition*	3 SH
PY 250--General Psychology	3 SH
PY 358--Lifespan Human Development	3 SH
SO 200--Introduction to Sociology	3 SH
<i>Lower Division Nursing – Nursing Articulation</i>	<i>30 SH</i>
<i>Lower Division Nursing*</i>	<i>30 SH</i>
* 33 SH awarded for NR 350 and lower division Nursing courses in accordance with the provisions of the Colorado Articulation Model.	
<i>Major Requirements</i>	<i>27 SH</i>
NR 444R--Professional Role Development	3 SH
NR 448R--Updates in Illness and Disease Management	3 SH

NR 452R--Contemporary Topics in Health Care	3 SH
NR 455R--Health Promotion Concepts	3 SH
NR 460R--Evidence-Based Practice in Nursing	3 SH
NR 466R--Community Health Nursing	3 SH
NR 478R--Community Health Nursing Practicum	3 SH
NR 600--Theoretical Frameworks for Leadership and Advanced Nursing Practice	3 SH
NR 485R--Leadership in Nursing Capstone	3 SH
NR 620--Health Care Organizations and System Leadership	3 SH
<i>Upper Division Elective(s)</i>	3 SH
<i>General Electives</i>	6 SH

### **Master of Science Degree in Nursing (MS)**

<i>Core Courses Requirements</i>	15 SH
NR 602--Advanced Application of Research for Evidence-Based Practice	3 SH
NR 608--Health Care Policy and Issues in Practice	3 SH
NR 609--Population Health and Interprofessional Collaboration Practicum	3 SH
NR 614--Foundations of Financial Management for Nursing Leaders	3 SH
NR 646--Teaching and Learning Strategies in Health Care	3 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH
Students complete one of the following Leadership in Health Care Systems specialization foci:	

<b>Management Focus</b>	15 SH
NR 603/NR 703--Informatics	3 SH
NR 615--Advanced Financial Management for Nursing Leaders	3 SH
NR 621--Advanced Management Principles and Practice	3 SH
NR 623E--Leadership in Health Care Systems Practicum: Management Focus	3 SH
Graduate Elective	3 SH

<b>Education Focus</b>	18 SH
NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 630--Advanced Health Assessment for the Patient and Family	3 SH
NR 647--Curriculum Development	3 SH
NR 648--Evaluation Methods in Health Care Education	3 SH
NR 623F--Leadership in Health Care Systems Practicum: Education Focus	3 SH

NOTE: A minimum of 30 semester hours for the baccalaureate degree and 24 semester hours for the master's degree must be completed through Regis University.

## **MASTER OF SCIENCE DEGREE IN NURSING**

The Master of Science degree in nursing prepares graduates for either health care leadership or advanced practice. Students are prepared for leadership as a manager or educator in its Leadership in Health Care Systems Program. Students are prepared for a role as an advanced practice nurse practitioner serving either a population comprised of patients and their families or of highly vulnerable neonates in its Family Nurse Practitioner and Neonatal Nurse Practitioner Programs. The RN to MS Nursing Program offers RNs both a Bachelor of Science in Nursing and a Master of Science degree in nursing with a specialization in Leadership in Health Care Systems in a single program. The curricula for the various specializations consist of three major areas: core courses, specialization courses, and supporting courses. All students in the Master of Science degree in nursing program take the core courses. The core incorporates the major focus of the degree including theoretical frameworks, ethics, health care policy, and research in nursing. Service learning is an essential part of the core learning experience and is threaded throughout coursework in each of the program specializations. The core courses promote principles of ethics and social justice which are designed to help develop leaders in service to others.

### **LEADERSHIP IN HEALTH CARE SYSTEMS SPECIALIZATION**

In the Leadership in Health Care Systems specialization, students may choose a focus in management or a focus in education. The Leadership in Health Care Systems specialization is offered in a one evening per week intensive format and is also offered online.

Registered nurses with an Associate Degree in nursing may be eligible for the RN to MS Nursing Program for the Leadership in Health Care Systems specialization.

#### *Management Focus*

The Management Focus prepares students for leadership roles in management in a variety of health care settings. Courses focus on leadership development, administrative skills, health care policy, economics, budgeting, and ethical and social issues impacting nursing and health care. A practicum is required where students work directly with a nursing manager as they apply theory to practice.

#### *Education Focus*

The Education Focus prepares students for leadership roles in health care education. Courses focus on leadership development, teaching and learning strategies, curriculum development, and evaluation methods. A practicum is required where students work directly with a health care educator and apply theory to practice.

### **FAMILY NURSE PRACTITIONER (FNP) SPECIALIZATION**

The Family Nurse Practitioner (FNP) specialization prepares nurses to deliver primary health care to patients and their families. The curriculum focuses on health promotion, disease prevention, and management of acute and chronic illness and injury. The curriculum is designed to develop critical thinking ability, creativity, and clinical expertise in competencies identified



by the National Organization of Nurse Practitioner Faculties (NONPF) and National Task Force (NTF), American Nurses Association (ANA), Commission of Collegiate Nursing Education (CCNE), American Association of Colleges of Nursing (AACN), and National Council of State Boards of Nursing (NCSBN), and the Consensus Model Advanced Practice Nurse Regulation documents. Clinical experiences are offered in a variety of health care settings in both urban and rural communities. The FNP specialization courses are offered in an every-other-weekend intensive format or one day a week. Students complete a minimum of 630 hours of preceptored clinical experience arranged by the student in collaboration with the faculty. Clinical hours are often completed on weekdays. Students are eligible to take both the American Academy of Nurse Practitioner Certification Examination and the American Nurses Credentialing Center (ANCC) Examination upon graduation.

### NEONATAL NURSE PRACTITIONER (NNP) SPECIALIZATION

The Neonatal Nurse Practitioner (NNP) specialization prepares students to manage the health care needs of high risk newborns and infants. The curriculum focuses on assessment, management, and evaluation of the health care needs of neonates and infants working within the dynamics of the family environment and in collaboration with neonatologists and other health care providers. The curriculum is designed to develop critical thinking ability, creativity, cost awareness, case management skill, and clinical expertise in competencies identified by the National Association of Neonatal Nurses (NANN), the National Organization of Nurse Practitioner Faculties (NONPF), and National Task Force (NTF), American Nurses Association (ANA), Commission on Collegiate Nursing Education (CCNE), American Association of Colleges of Nursing (AACN), and National Council of State Boards of Nursing (NCSBN), and the Consensus Model Advanced Practice Nurse Regulation documents. Clinical experiences are offered in a variety of level III (high risk) neonatal intensive care units. The NNP specialization is offered in a one to two day a week intensive format to maximize the use of clinical facilities and preceptors. Students complete a minimum of 630 hours of preceptored clinical experience. Students are eligible to take the National Certification Corporation (NCC) Certification Examination upon graduation.

### SPECIAL EDUCATION OPTIONS FOR THE MASTER OF SCIENCE DEGREE IN NURSING

Building on the well-established Master of Science degree in nursing program, the LHSON has expanded its offerings to enable nurses with specialized needs to meet their educational goals. These offerings include the following:

- **Graduate Academic Certificate: Health Care Education** is a certificate program for registered nurses who have a master's degree in nursing and seek knowledge and skills for teaching in educational and health care settings. Students enrolled in the Master of Science degree in nursing: Leadership in Health Care Systems education focus will also earn the certificate. Students enrolled in the Master of Science degree in Nursing: Leadership in Health Care

Systems management focus may elect to take the additional course work needed to complete this certificate.

- **Post-Master's Certificate: Family or Neonatal Nurse Practitioner Specialization for Master's Prepared Nurses** is a certificate program for nurses who have an MS in nursing and want to become family or neonatal nurse practitioners.
- **Master of Science Degree Nursing Completion Option for Certified Nurse Practitioners** is a degree program for nurse practitioners who want to complete a Master of Science degree in nursing but who do not want to complete an additional clinical specialty.

### MASTER OF SCIENCE DEGREE IN NURSING ADMISSION

All applications for admission to a Master of Science degree in nursing or certificate nursing program require a completed application form and may include a non-refundable application fee.

### MASTER OF SCIENCE DEGREE IN NURSING: LEADERSHIP IN HEALTH CARE SYSTEMS, FAMILY NURSE PRACTITIONER, AND NEONATAL NURSE PRACTITIONER SPECIALIZATIONS

Admission to the Master of Science degree in nursing program is based on individual evaluation in accordance with the following minimum admission requirements:

- A minimum undergraduate cumulative grade point average of 2.750 on a 4.000 scale.
- A grade of "C" or better in all undergraduate nursing courses. A grade of "C-" is not acceptable.
- Submission of a complete application with application fee.
- Professional resume
- One page essay addressing the provided essay prompt.
- Official transcript showing completion of a nursing baccalaureate degree from a NLNAC or AACN/CCNE accredited program.
- Official transcript showing a grade of "C" or better in an introductory course in statistics that includes inferential as well as descriptive statistics. This course may be taken after admission, but must be taken before NR 602--Advanced Application of Research for Evidenced-Based Practice.
- Family Nurse Practitioner and Neonatal Nurse Practitioner applicants must submit official transcripts from each post-secondary school attended.
- Three recommendation forms completed by professional persons knowledgeable about the applicant's academic, professional, and leadership potential. One recommendation must be from a current employer or supervisor.
- Evidence of eligibility for Colorado Registered Nurse Licensure for classroom-based students; Colorado Licensure must be obtained prior to the first clinical/practicum course.



For online students, evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the student will complete the practicum.

- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.
- Two years of clinical practice as a Registered Nurse is preferred for all applicants.
- Current American Heart Association (AHA) Basic Life Support (BLS) for health care professionals certification.

NNP applicants must show evidence of two years recent experience in a level III high risk neonatal intensive care unit and current Neonatal Resuscitation Program (NRP) certification.

### GRADUATE ACADEMIC CERTIFICATE IN HEALTH CARE EDUCATION

Admission to the Graduate Academic Certificate in Health Care Education is based on individual evaluation in accordance with the following minimum admission requirements:

Applicants must submit:

- Evidence of the ability to meet current MS degree in nursing admission requirements for the Leadership in Health Care Systems specialization.
- Submission of a complete application with application fee.
- Professional resume
- One page essay addressing the provided essay prompt.
- Official transcripts reflecting a nursing baccalaureate degree awarded from a regionally accredited program.
- Official transcripts reflecting study in and/or completion of a master's degree in nursing with a minimum cumulative grade point average of 3.000.
- Official transcript showing a grade of "C" or better in an introductory course in statistics that includes inferential as well as descriptive statistics. This course may be taken after admission, but must be taken before NR 602--Advanced Application of Research for Evidenced-Based Practice.
- Three recommendation forms completed by professional persons knowledgeable about the applicant's academic, professional, and leadership potential. One recommendation must be from a current employer or supervisor.. One recommendation must be from a current employer or supervisor.
- Evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the applicant will complete the practicum
- Minimum competence levels in both written English and computation skills. Students with English as a second language

are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.

### POST-MASTER'S CERTIFICATE: FAMILY NURSE PRACTITIONER, NEONATAL NURSE PRACTITIONER SPECIALIZATION OR ADULT GERONTOLOGY ACUTE-CARE NURSE PRACTITIONER

Admission to the Post-Master's Certificate (Family Nurse Practitioner, Neonatal Nurse Practitioner Specialization, or Adult Gerontology Acute-Care Nurse Practitioner) is based on individual evaluation in accordance with the following minimum admission requirements:

- Admission to the Post-Master's Certificate (Family Nurse Practitioner or Neonatal Nurse Practitioner Specialization) is based on individual evaluation in accordance with the following minimum admission requirements:
- An official transcript demonstrating an earned Master's degree in nursing (or equivalent) from a NLNAC or AACN-CCNE accredited school with a minimum cumulative grade point average of a 3.000.
- Evidence of a minimum two year's work experience in nursing.
- Submission of a complete application with application fee.
- Professional resume
- One page essay addressing the provided essay prompt.
- Three recommendation forms completed by professional persons knowledgeable about the applicant's academic, professional, and leadership potential. One recommendation must be from a current employer or supervisor. One recommendation must be from a current employer or supervisor.
- Evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the applicant will complete clinicals/practica.
- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program
- Current American Heart Association (AHA) Basic Life Support (BLS) for health care professionals certification.
- NNP applicants must show evidence of two years recent experience in a Level III high risk neonatal intensive care unit and current Neonatal Resuscitation Program (NRP) certification.

## MASTER OF SCIENCE DEGREE IN NURSING COMPLETION OPTION FOR CERTIFIED NURSE PRACTITIONERS

Admission to the Master of Science degree in nursing Completion Option for Certified Nurse Practitioners is based on individual evaluation in accordance with the following minimum admission requirements:

- Evidence of the ability to meet current MS degree in nursing admission requirements.
- National certification in a nurse practitioner specialty.
- Two years of clinical practice as a Registered Nurse is preferred for all applicants.
- Recent clinical experience in the nurse practitioner specialty.
- An official transcript demonstrating an earned baccalaureate degree in nursing from a NLNAC or AACN-CCNE accredited school with a minimum cumulative grade point average of a 2.75 or above on a 4.0 scale.
- A grade of "C" or better in all undergraduate nursing courses. A grade of "C-" is not acceptable.
- Submission of completed application with application fee.
- Professional resume
- One page essay addressing the provided essay prompt.
- Three recommendation forms completed by professional persons knowledgeable about the applicant's academic, professional, and leadership potential. One recommendation must be from a current employer or supervisor. One recommendation must be from a current employer or supervisor.
- Evidence of current unrestricted or unencumbered Registered Nurse licensure in the state in which the applicant will complete clinicals/practica.
- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.
- Current American Heart Association (AHA) Basic Life Support (BLS) for health care professionals certification.

### Master of Science Degree in Nursing: Admission Requirements Related To Clinical/Practicum Agency Regulations

Clinical agencies have specific requirements for both criminal background checks and drug screening. To ensure that LHSON students have access to essential clinical/practicum experience needed to complete their program:

All Master of Science degree in nursing students must provide documentation of a criminal background check and an acceptable drug screening from the firm with which Regis University has contracted. Documentation of an acceptable drug screening may

be required at any time throughout the program at the discretion of the LHSON.

A complete health assessment and physical examination record indicating that the student is physically able to meet the objectives of the Master of Science degree, Graduate Academic, Post-Master's, Master's Articulation, or Master's Completion Certificate program in nursing, and is appropriately immunized is required upon admission to the program. Students who have been accepted into the program must have received the first two of three injections that provide immunization against Hepatitis B prior to clinical activities. The third injection must be received at the appropriate time thereafter.

### Master of Science Degree in Nursing: Essential Functions

The Leadership in Health Care Systems specialization is designed to prepare registered nurses for advanced practice roles in management and education. The practitioner specializations in the Master of Science degree in nursing program are designed to prepare registered nurses for advanced practice roles as Family Nurse Practitioners (FNPs) or as Neonatal Nurse Practitioners (NNPs). The LHSON has identified the observational, cognitive, affective, and psychomotor skills it deems essential to complete each of these programs. If a student cannot demonstrate the essential functions, skills, and abilities, it is the responsibility of the student to request through the University's Office of Disability Services appropriate accommodations. If a student fails to disclose fully the inability to demonstrate any functions, skills, and abilities during the application process, accommodation cannot be assured. The University will provide reasonable accommodations as long as they do not impose an undue hardship.

### Master of Science Degree in Nursing: Computer Literacy and Access

Master of Science degree in nursing students are required to have an understanding of computers. Students are assigned a RegisNET e-mail account in their first semester of enrollment in the program. Students are expected to be literate in using e-mail, Internet, and database services. Nurse Practitioner students are expected to have a mobile device with sufficient memory to support clinical practice. All students in online Master of Science degree in nursing studies must have ready access to a computer system compliant with the RHCHP systems requirements and configuration for Regis University's learning management system. Online students should consult the Regis University website for further information at [www.regis.edu](http://www.regis.edu).

## ADDITIONAL ADMISSION REQUIREMENTS

### Probationary Admission

Students who show promise for the program, but who do not meet all admission criteria, may be admitted on a probationary basis. Under the probationary status, students must attain a grade of "B" or better in the first nine semester hours of Master of Science degree in nursing course work. (A grade of "B-" is not acceptable.) Successful completion of the first nine semester hours of course work with a 3.000 cumulative grade point average removes the probationary status and entitles students to good academic standing.

### Conditional Admission

The academic program may allow a student to be conditionally admitted when identified conditions must be met prior to starting classes at Regis as a degree or certificate seeking student. These conditions are outlined for the applicant within a "terms and conditions" letter issued by the Office of Admissions. Examples of conditional requirements include prerequisite course completion, background check completion, or international document submission required to start classes in the identified degree or certificate program.

Also in this category are applicants who are actively enrolled as undergraduate students (at any regionally accredited institution) at time of applying to one of Regis' graduate programs. These active undergraduate applicants are permitted to enroll for the first eight week, five week, or 16 week term with current unofficial transcripts, but unable to enroll in future classes until official transcripts are received. This does not apply to all programs.

### Non-degree Seeking Special Students

Non-degree seeking students may take a maximum of nine semester hours. Courses can be taken either on a Pass/No Pass or graded basis. Additional semester hours may be taken with the approval of the appropriate department chair.

Students seeking admission as a non-degree seeking/special student must:

- Submit a completed non-degree seeking/special student application and
- Submit proof of unencumbered professional registered nurse licensure (for post-licensure programs).

Non-degree seeking students who wish to matriculate into a degree seeking program must apply and meet all admission requirements for that degree. Courses taken by non-degree seeking students will apply to degree requirements if the courses are appropriate for the selected degree and taken on a graded basis.

Non-degree seeking students are not eligible for financial aid or veteran's benefits.

### Denial of Admission

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the LHSN, the Rueckert-Hartman College for Health Professions, or Regis University.

NOTE: All documents submitted during the application process, whether or not the applicant is accepted into the program become the property of Regis University.

### MASTER OF SCIENCE DEGREE IN NURSING PROGRAM PROGRESSION AND GRADE REQUIREMENTS (INCLUDING BOTH SEGMENTS OF THE RN TO MS NURSING PROGRAM)

Candidacy for the Master of Science degree in nursing at Regis University requires successful completion of course requirements and a final comprehensive evaluation. The Leadership in Health Care Systems, Family Nurse Practitioner, and the Neonatal Nurse Practitioner specializations each have their own specific course requirements.

All programs for the Master of Science degree in nursing have a five year time limit for completion of all degree requirements except the RN to MS Nursing Program which has a ten year time limit (five years for the BSN program and five years for the MS program). This time limit is computed from the time of matriculation. If students wish to complete the degree after the time limit, readmission to the program may be required.

Students who fail to raise the cumulative grade point average to 3.000 are suspended. In addition, students who receive a grade of "C" in two courses at the 600 level are subject to academic review and may be suspended from the program. Suspension may be appealed to the department director or school dean. Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis University class may complete that class. Masters students earning a letter grade of C- or below (course failure) are eligible to repeat the course for a minimum letter grade of "C" to maintain eligibility to progress in the graduate program pending program director approval.

Master's students in Leadership who receive two course failures (C- or lower) as initial grades in any course will be dismissed from the program.

Nurse practitioner students (NNP and FNP) who receive two course failures (C- or lower) as initial grades in any course will be dismissed from the program.

### COURSE LOAD/OVERLOAD

Master of Science degree in nursing courses are sequenced for full-time study. Courses taken out of sequence may constitute an overload. Anyone wishing to exceed the maximum academic load (12 graduate credits per semester) by changing course sequence must present a formal written request for overload to the appropriate program coordinator or department director prior to registration. Ordinarily, only students with a minimum cumulative grade point average of 3.000 and no grades of Incomplete are eligible to apply for overload. For those students who choose the thesis option, the first three semester hours of the Master's Thesis (NR 697A) are not considered overload and therefore no request is required.

### MASTER OF SCIENCE DEGREE IN NURSING STUDENT ADVISING

Students are assigned an academic advisor upon admission who assists them with planning their program of study. Students and advisors discuss the terms of the program requirements at

appropriate intervals throughout the program. Advisors counsel students on meeting the requirements for the Master of Science degree in nursing program; however, it is the student's responsibility to schedule advising appointments and to complete all degree requirements.

### THESIS OPTION

For students who elect to complete the thesis option, a list of faculty eligible to serve on a thesis committee and their research will be made available. Students should identify themselves to the appropriate program coordinator or department director. The thesis option is available only to classroom-based students.

### SECOND SPECIALIZATION

A Master of Science degree in nursing graduate who wishes to return for a second specialization must complete another application and the required courses for the second specialization. A second degree is not available in the Master of Science degree in nursing program.

### MASTER OF SCIENCE DEGREE IN NURSING TRANSFER OF CREDIT POLICY AND PROCEDURE

Acceptance of transfer credit is determined at the discretion of the appropriate department director in compliance with the following: Transfer credit is considered only for courses taken at regionally accredited colleges and universities and for course work for which a letter grade not less than a "B-" was earned. Courses older than three years must be reviewed by the appropriate department director. All requests for transfer credit should be submitted before beginning the first graduate course. No more than 20% of the total credit hours of the program can be transferred. Students wishing to transfer credit into the Regis University Master of Science degree in nursing program must forward a letter stating the request and provide an official school transcript of the course work. A copy of the course syllabus is also required.

### MASTER OF SCIENCE DEGREE IN NURSING GRADUATION REQUIREMENTS

Students graduate the semester that all requirements are met and documentation of such is received in the Office of Academic Records and Registration by the designated deadline. Incomplete grades and late application for graduation may delay graduation to a subsequent semester.

Students must meet the following criteria to be awarded the Master of Science degree in nursing:

- Satisfactory completion of required academic and clinical course work.
- A minimum cumulative grade point average of 3.000. A maximum of two courses with a grade of "C" may count toward graduation.
- Successful completion of a comprehensive evaluation.
- Recommendation for the degree by the faculty of the LHSN.

For additional information on Commencement and Graduation, refer to the General Information section of this Catalog or at [www.regis.edu](http://www.regis.edu).

### MASTER OF SCIENCE DEGREE IN NURSING PROGRAM DEGREE REQUIREMENTS

The Master of Science degree in nursing requires completion of a minimum of 39 semester hours of graduate (600-level) course work for the Leadership in Health Care Systems specialization, a minimum of 43 semester hours of graduate (600-level) course work for the Neonatal Nurse Practitioner specialization, and a minimum of 46 semester hours of graduate (600-level) course work for the Family Nurse Practitioner specialization. Students are also required to pass a comprehensive evaluation. Students are expected to maintain at least a 3.000 cumulative grade point average. A minimum of 30 semester hours must be completed through Regis University.

#### Leadership in Health Care Systems Specialization

*Total Requirements for Master of Science Program: Education* 42 SH

*Total Requirements for Master of Science Program: Management* 39 SH

*Total Requirements for MS Program with Thesis Option: Education* 48 SH

*Total Requirements for MS Program with Thesis Option: Management* 42 SH

#### Core Courses 24 SH

HCE 604--Ethics for Nurse Leaders 3 SH

NR 600--Theoretical Frameworks for Leadership And Advanced Practice 3 SH

NR 602--Advanced Application of Research for Evidence-Based Practice 3 SH

NR 608--Health Care Policy and Issues in Practice 3 SH

NR 609--Population Health and Interprofessional Collaboration Practicum 3 SH

NR 614--Foundations of Financial Management for Nursing Leaders 3 SH

NR 620--Health Care Organizations and Systems Leadership 3 SH

NR 646--Teaching and Learning Strategies in Health Care 3 SH

NR 699--Comprehensive Evaluation, Master of Science 0 SH

#### Thesis Option for classroom-based students only:

NR 697A--Master's Thesis I\* 3 SH and

NR 697B--Master's Thesis II\* 3 SH

\* Three semester hours are in lieu of graduate elective for management focus.

Students select from one of the following two Leadership in Health Care Systems focus requirements:

#### Management Focus Requirements 15SH

NR 603--Informatics 3 SH

NR 615--Advanced Financial Management for Nursing Leaders	3 SH
NR 621--Advanced Management Principles and Practice	3 SH
NR 623E--Leadership in Health Care Systems Practicum: Management Focus	3 SH
Graduate Elective (600-level)	3 SH
<b>Education Focus Requirements</b>	<b>18 SH</b>
NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 630--Advanced Health Assessment of the Patient and Family	3 SH
NR 647--Curriculum Development	3 SH
NR 648--Evaluation Methods in Health Care Education	3 SH
NR 623F--Leadership in Health Care Systems Practicum: Education Focus	3 SH

### Family Nurse Practitioner and Neonatal Nurse Practitioner Specialization

*Total Requirements for Master of Science Program: Family Nurse Practitioner* 48 SH

*Total Requirements for Master of Science Program: Neonatal Nurse Practitioner* 43 SH

*Total Requirements for MS Program with Thesis Option: Family Nurse Practitioner* 54 SH

*Total Requirements for MS Program with Thesis Option: Neonatal Nurse Practitioner* 49 SH

### Core Courses 21 SH

HCE 604--Ethics for Nurse Leaders	3 SH
NR 600--Theoretical Frameworks for Leadership and Advanced Nursing Practice	3 SH
NR 602--Advanced Application of Research for Evidence-Based Practice	3 SH
NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 608--Health Care Policy and Issues in Practice	3 SH
NR 614--Foundations of Financial Management for Nurse Leaders	3 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH

### Thesis Option:

NR 697A--Master's Thesis I* and	3 SH
NR 697B--Master's Thesis II*	3 SH

### Family Nurse Practitioner Specialization 27 SH

NR 630--Advanced Health Assessment of the Patient and Family	3 SH
NR 637--Women's Health and Childbearing for the FNP	2 SH

NR 651--Professional Integration	3 SH
NR 659--Primary Health Care of Children and Their Families	2 SH
NR 660--Primary Health Care Across the Lifespan I	5 SH
NR 661--Primary Health Care Across the Lifespan II	5 SH
NR 662--Primary Health Care Across the Lifespan III	5 SH
NR 667--Primary Care Procedures A	1 SH
NR 668--Primary Care Procedures B	1 SH
<b>Neonatal Nurse Practitioner Specialization</b>	<b>22 SH</b>
NR 651--Professional Integration	3 SH
NR 652--Advanced Health Assessment for the Neonatal Nurse Practitioner	4 SH
NR 653--Genetics and Embryology for the Neonatal Nurse Practitioner	3 SH
NR 654--Advanced Practice Procedures for the High Risk Infant	2 SH
NR 656--Management of the High Risk Newborn	5 SH
NR 657--Clinical Integration for the Neonatal Nurse Practitioner	5 SH

### GRADUATE ACADEMIC CERTIFICATES

#### Health Care Education 12 SH

NR 646--Teaching and Learning Strategies in Health Care	3 SH
NR 647--Curriculum Development	3 SH
NR 648--Evaluation Methods in Health Care Education	3 SH
NR 658--Graduate Certificate: Health Care Education Practicum or	
NR 623F--Leadership in Health Care Systems Practicum: Education Focus (for MS in Nursing Education Focus Students only)	3 SH

#### Post-Master's Certificate for Family or Neonatal Nurse Practitioners 12-31 SH

The Post-Master's Certificate (Family Nurse Practitioner, Neonatal Nurse Practitioner Specialization, or Adult Gerontology Acute-Care Nurse Practitioner) is designed for nurses who have a Master of Science or its equivalent in nursing and wish to become a nurse practitioner pursuing a specialization in a clinical area of advanced practice nursing without earning a second Master's degree in nursing. Graduates who complete the practitioner specialization are eligible to sit for the National Certification Examination in their specialty area.

#### Family Nurse Practitioner Specialization 12-33 SH

NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 630--Advanced Health Assessment of the Patient and Family	3 SH
NR 637--Women's Health and Childbearing for the FNP	2 SH



NR 651--Professional Integration	3 SH
NR 659--Primary Health Care of Children and Their Families	2 SH
NR 660--Primary Health Care Across the Lifespan I	5 SH
NR 661--Primary Health Care Across the Lifespan II	5 SH
NR 662--Primary Health Care Across the Lifespan III	5 SH
NR 667--Primary Care Procedures A	1 SH
NR 668--Primary Care Procedures B	1 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH

#### **Neonatal Nurse Practitioner Specialization 12-29 SH**

NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 651--Professional Integration	3 SH
NR 652--Advanced Health Assessment for the Neonatal Nurse Practitioner	4 SH
NR 653--Genetics and Embryology for the Neonatal Nurse Practitioner	3 SH
NR 654--Advanced Practice Procedures for the High Risk Infant	2 SH
NR 656--Management of the High Risk Newborn	5 SH
NR 657--Clinical Integration for the Neonatal Nurse Practitioner	5 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH

#### **Adult Gerontology Acute-Care Nurse Practitioner 12 SH**

NR 626--Advanced Practice in Acute-Care I for Adults Across the Lifespan	3 SH
NR 627--Advanced Practice in Acute-Care II for Adults Across the Lifespan	3 SH
NR 628--Advanced Diagnostics and Therapeutics	3 SH
NR 629--Clinical Topics and Professional Issues for Adult Gerontology Acute-Care Nurse Practice	3 SH

#### **MASTER OF SCIENCE DEGREE IN NURSING COMPLETION OPTION FOR CERTIFIED NURSE PRACTITIONERS**

This option is designed for baccalaureate prepared certified nurse practitioners without a master's degree who are currently practicing and wish to earn a Master of Science degree without changing their original practice specialization.

*Total Requirements for Master of Science Degree in Nursing  
Completion Option for Certified Nurse Practitioners \** 30-31 SH

HCE 604--Ethics for Nurse Leaders	3 SH
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NR 600--Theoretical Frameworks for Leadership and Advanced Nursing Practice	3 SH
NR 602--Advanced Application of Research for Evidence-Based Practice	3 SH
NR 605--Advanced Physiology and Pathophysiology	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 608--Health Care Policy and Issues in Practice	3 SH
NR 614--Foundations of Financial Management for Nursing Leaders	3 SH
NR 630--Advanced Health Assessment of the Family or NR 652--Health Assessment for the Neonatal Nurse Practitioner	3 SH 4 SH
NR 651--Professional Integration	3 SH
Graduate Elective (600-level)	3 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH

\* A minimum of 30 semester hours of graduate (600-level) course work must be completed at Regis University.

## **DOCTOR OF NURSING PRACTICE DEGREE**

The Doctor of Nursing Practice (DNP) program prepares students with a theoretical and practical foundation for advanced nursing practice in a variety of settings. Students can enter the program through the post-master of science in nursing to DNP or post-bachelor of science in nursing (BSN) to DNP. The post-MS to DNP has two tracks; one for advanced leadership in health care and one for advanced practice registered nurses. The post-BSN to DNP program requires completion of the Master of Science degree in Nursing with a specialization focus in either the family nurse practitioner or neonatal nurse practitioner programs prior to a seamless progression into the DNP program.

## **DOCTOR OF NURSING PRACTICE ADMISSION**

All applications for admission to the Doctor of Nursing Practice program require a completed application form and may include a non-refundable application fee.

Admission to the Doctor of Nursing Practice program is based on individual evaluation in accordance with the following minimum admission requirements:

- A minimum cumulative grade point average of 3.000 or above on a 4.000 scale in all graduate level coursework.
- A grade of "B" or better in all graduate nursing courses. A grade of "B-" is not acceptable.
- Submission of a complete application with application fee.
- A current resume which includes all professional and volunteer experiences with emphasis on leadership roles, experience in primary and acute clinical care, and service to underserved and underrepresented populations.
- Two page essay addressing the provided essay prompt.

- Official transcripts from each post-secondary school attended including an official transcript showing completion of a nursing graduate degree from an NLNAC or AACN-CCNE accredited program, offered at a regionally accredited school.
- Three recommendations from professional persons knowledgeable about the applicant's academic, professional and leadership potential. One letter of recommendation must be from a current clinical supervisor and one must be academic in nature.
- An active, unrestricted or unencumbered RN license in the state in which the applicant's clinical/practicum experience will be completed.
- Minimum competence levels in both written English and computation skills. Students with English as a second language are required to pass the TOEFL examination with a minimum score of 213 (computer-based), or complete an ELS Language Center's level 109-Academic within one year prior to acceptance in the program.
- Current American Heart Association (AHA) Basic Life Support (BLS) for health care professionals certification.

An interview may be required.

#### **Doctor of Nursing Practice: Admission Requirements Related To Clinical/Practicum Agency Regulations**

Clinical agencies have specific requirements for both criminal background checks and drug screening. To ensure that LHSON students have access to essential clinical/practicum experience needed to complete their program:

Doctor of Nursing Practice students must provide documentation of a criminal background check and an acceptable drug screening from the firm with which Regis University has contracted. Documentation of an acceptable drug screening may be required at any time throughout the program at the discretion of the LHSON.

A complete health assessment and physical examination record indicating that the student is physically able to meet the objectives of the Doctor of Nursing Practice degree and is appropriately immunized is required upon admission to the program. Students who have been accepted into the program must have received the first two of three injections that provide immunization against Hepatitis B prior to clinical activities. The third injection must be received at the appropriate time thereafter.

#### **Doctor of Nursing Practice: Essential Functions**

The LHSON has identified the observational, cognitive, affective, and psychomotor skills it deems essential to complete each of these programs. If a student cannot demonstrate the essential functions, skills, and abilities, it is the responsibility of the student to request through the University's Office of Disability Services appropriate accommodations. If a student fails to disclose fully the inability to demonstrate any functions, skills, and abilities during the application process, accommodation cannot be assured. The University will provide reasonable accommodations as long as they do not impose an undue hardship.

#### **Doctor of Nursing Practice: Computer Literacy and Access**

Doctor of Nursing Practice students in LHSON are required to have ready access to a computer system compliant with the RHCHP systems requirements and configuration for Regis University's learning management system. Online students should consult the Regis University website for further information at [www.regis.edu](http://www.regis.edu). DNP students are also required to have either an internal or external computer camera and a headset with a microphone. Students are assigned a RegisNET e-mail account in their first semester of enrollment in the program. Students are expected to be literate in using e-mail, Internet, word processing, spreadsheet, and database services. Advanced Practice Registered Nurse students are expected to have a mobile device with sufficient memory to support clinical practice.

#### **Denial of Admission**

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the LHSON, the Rueckert-Hartman College for Health Professions, or Regis University.

### **PROGRAM PROGRESSION AND GRADE REQUIREMENTS**

Candidacy for the Doctor of Nursing Practice degree at Regis University requires successful completion of course requirements and a final comprehensive evaluation. The program has a five year time limit for completion of all degree requirements. This time limit is computed from the time of matriculation. If students wish to complete the degree after the time limit, readmission to the program may be required. Grades of "A" or "B" represent superior or satisfactory progress toward the Doctor of Nursing Practice. The grade of "C" is not counted toward graduation, but is included in the student's cumulative grade point average.

Students who fail to raise the cumulative grade point average to 3.000 are suspended. In addition, students who receive a grade of "B- or below" in two courses at the 700 level are subject to academic review and may be suspended or dismissed from the program. Suspension may be appealed to the department director or school dean. Students who are notified of academic suspension for the previous term and who are currently in attendance in a Regis University class may complete that class. Students earning a letter grade of B- or below are eligible to repeat the course for a minimum letter grade of "B" to maintain eligibility to progress in the graduate program pending program director approval.

### **COURSE LOAD/OVERLOAD**

Doctor of Nursing Practice courses are sequenced for full-time study. Courses taken out of sequence may constitute an overload. Anyone wishing to exceed the maximum academic load (12 graduate credits per semester) by changing course sequence must present a formal written request for overload to the appropriate program coordinator or department director prior to registration. Ordinarily, only students with a minimum cumulative

grade point average of 3.000 and no grades of incomplete are eligible to apply for overload.

## DOCTOR OF NURSING PRACTICE STUDENT ADVISING

Students are assigned an academic advisor upon admission who assists them with planning their program of study. Students and advisors discuss the terms of the program requirements at appropriate intervals throughout the program. Advisors counsel students on meeting the requirements for the Doctor of Nursing Practice Program; however, it is the student's responsibility to schedule advising appointments and to complete all degree requirements.

## DOCTOR OF NURSING PRACTICE DEGREE TRANSFER OF CREDIT POLICY AND PROCEDURE

Acceptance of transfer credit is determined at the discretion of the appropriate program coordinator or department director in compliance with the following: Transfer credit is considered only for courses taken at regionally accredited colleges and universities and for course work for which a letter grade not less than a "B" was earned. Courses older than three years must be reviewed by the appropriate Department Director. All requests for transfer credit should be submitted before beginning the first graduate course. Students wishing to transfer credit into the Regis University Doctor of Nursing Practice Program must forward a letter stating the request and provide an official school transcript of the course work. A copy of the course syllabus is also required.

## DOCTOR OF NURSING PRACTICE GRADUATION REQUIREMENTS

Students graduate the semester that all requirements are met and documentation of such is received in the Office of Academic Records and Registration by the designated deadline. Incomplete grades and late application for graduation may delay graduation to a subsequent semester.

Students must meet the following criteria to be awarded the Doctor of Nursing Practice degree:

- Satisfactory completion of required academic and clinical course work,
- A minimum cumulative grade point average of 3.000
- Successful completion of a capstone project and defense; and
- Recommendation for the degree by the faculty of the LHSO.

For additional information on Commencement and Graduation, refer to the General Information section of this Catalog and/or at [www.regis.edu](http://www.regis.edu).

## POST-MASTER OF SCIENCE IN NURSING TO DNP PROGRAM DEGREE REQUIREMENTS

An online format that includes clinical practica and service learning experiences is offered for the DNP degree portion. The Doctor of Nursing Practice requires completion of a minimum of 36 semester hours of graduate (700-level) course work for the Advanced Leadership in Health Care specialization and a minimum of 31 semester hours of graduate (700-level) course work for the Advanced Practice Registered Nurse specialization and completion of a total of 1000 post baccalaureate clinical hours. Students are expected to maintain at least a 3.000 cumulative grade point average. A minimum of 30 semester hours must be completed through Regis University.

The focus of the student experiences will be on diverse, underserved, and vulnerable populations in urban and rural settings with the goal to improve direct and indirect health care services. The DNP is designed around two specializations: Advanced Leadership in Health Care and Advanced Practice Registered Nurse. The curriculum for both specializations consists of four major areas: Core coursework, specialization coursework, practice applications, and a capstone project and defense. The core incorporates the major advanced practice emphases of the degree including theoretical applications, statistics, epidemiology, policy analysis, outcomes research, and informatics. Service learning is an essential part of the core learning experience and is threaded throughout coursework in both specializations. The core also promotes principles of ethics, social justice, and leadership designed to develop advanced nursing leaders in service to others.

### **Total Requirements for Doctor of Nursing Practice Advanced Leadership in Health Care Specialization 30-36 SH**

NR 701--Theoretical Application for Doctor of Nursing Practice	3 SH
NR 702--Applied Statistics	3 SH
NR 703--Informatics	3 SH
NR 704--Epidemiology and Health Promotion for Populations	3 SH
NR 706A--Doctor of Nursing Practice Capstone Project A	1 SH
NR 706B--Doctor of Nursing Practice Capstone Project B	1 SH
NR 706C--Doctor of Nursing Practice Capstone Project C	1 SH
NR 707--Clinical Research for the Doctor of Nursing Practice	3 SH
NR 708--Health Policy Analysis and Development	3 SH
NR 721--Strategic Planning in an Evolving Health Care Environment	3 SH
NR 722--Health Care Systems Finance and Marketing	3 SH
*NR 725A--Application to Practice Clinical Hours	1-7 SH
*NR 725B--Application to Practice Clinical Hours	1-7 SH
*NR 725C--Application to Practice Clinical Hours	1-7 SH
*NR 725D--Application to Practice Clinical Hours	1-7 SH
NR 799--Capstone Defense	0 SH



**Total Requirements for Doctor of Nursing Practice****Advanced Practice Registered Nurse Specialization 30-31 SH**

NR 701--Theoretical Application for Doctor of Nursing Practice	3 SH
NR 702--Applied Statistics	3 SH
NR 703--Informatics	3 SH
NR 704--Epidemiology and Health Promotion for Populations	3 SH
NR 706A--Doctor of Nursing Practice Capstone Project A	1 SH
NR 706B--Doctor of Nursing Practice Capstone Project B	1 SH
NR 706C--Doctor of Nursing Practice Capstone Project C	1 SH
NR 707--Clinical Research for the Doctor of Nursing Practice	3 SH
NR 708--Health Policy Analysis and Development	3 SH
NR 711--Advanced Leadership for Collaborative Models of Care	3 SH
NR 712--Dynamics of Organizations, Systems Design, and Evaluation	3 SH
*NR 715A--Application to Practice Clinical Hours	1-7 SH
*NR 715B--Application to Practice Clinical Hours	1-7 SH
*NR 715C--Application to Practice Clinical Hours	1-7 SH
NR 799--Capstone Defense	0 SH

\*A verification process of each student's completed post-graduate application to practice/clinical hours will be used to determine the number of NR 715A-C or NR 725 A-D courses and semester hours required based on the AACN requirement for completion of a total of 1000 post baccalaureate clinical hours.

## POST-BACHELOR OF SCIENCE IN NURSING (BSN) TO DNP DEGREE REQUIREMENTS

The Post-BSN to DNP prepares students with a theoretical and practical foundation for advanced nursing practice in a variety of settings. Prior to enrolling in DNP courses, the BSN prepared student must complete the Master of Science program for advanced practice registered nurses, either family nurse practitioner or neonatal nurse practitioner. When students have successfully completed the Master of Science in Nursing core courses and the courses within their specialization, they will have a seamless progression into the DNP program or they may opt to begin the DNP program at a later date. Students will enroll in the core courses as listed below and their selected area of specialization courses. The course descriptions for the master's portion of this program are located in the section titled "Master of Science degree in Nursing Course Descriptions".

## Family Nurse Practitioner and Neonatal Nurse Practitioner Specialization

*Total Requirements for Master of Science Program: Family Nurse Practitioner* 48 SH

*Total Requirements for Master of Science Program: Neonatal Nurse Practitioner* 43 SH

*Total Requirements for MS Program with Thesis Option: Family Nurse Practitioner* 54 SH

*Total Requirements for MS Program with Thesis Option: Neonatal Nurse Practitioner* 49 SH

### Core Courses 21 SH

HCE 604--Ethics for Nurse Leaders	3 SH
NR 600--Theoretical Frameworks for Leadership and Advanced Nursing Practice	3 SH
NR 602--Advanced Application of Research for Evidence-Based Practice	3 SH
NR 605--Advanced Physiology and Pathophysiology Across the Lifespan	3 SH
NR 607--Advanced Pharmacology for Advanced Practice	3 SH
NR 608--Health Care Policy and Issues in Practice	3 SH
NR 614--Foundations of Financial Management for Nursing Leaders	3 SH
NR 699--Comprehensive Evaluation, Master of Science	0 SH

### Thesis Option:

NR 697A--Master's Thesis I*	3 SH
and	
NR 697B--Master's Thesis II*	3 SH

### Family Nurse Practitioner Specialization 27 SH

NR 630--Advanced Health Assessment of the Patient and Family	3 SH
NR 637--Women's Health and Childbearing for the FNP	2 SH
NR 651--Professional Integration	3 SH
NR 659--Primary Health Care of Children and Their Families	2 SH
NR 660--Primary Health Care Across the Lifespan I	5 SH
NR 661--Primary Health Care Across the Lifespan II	5 SH
NR 662--Primary Health Care Across the Lifespan III	5 SH
NR 667--Primary Care Procedures A	1 SH
NR 668--Primary Care Procedures B	1 SH

### Neonatal Nurse Practitioner Specialization 22 SH

NR 651--Professional Integration	3 SH
NR 652--Advanced Health Assessment for the Neonatal Nurse Practitioner	4 SH
NR 653--Genetics and Embryology for the Neonatal Nurse Practitioner	3 SH
NR 654--Advanced Practice Procedures for the High Risk Infant	2 SH

NR 656--Management of the High Risk Newborn 5 SH

NR 657--Clinical Integration for the Neonatal Nurse Practitioner 5 SH

The Doctor of Nursing Practice requires completion of a minimum of 31 semester hours of graduate (700-level) course work for the Advanced Practice Registered Nurse specialization and completion of a total of 1000 post baccalaureate clinical hours. Students are expected to maintain at least a 3.000 cumulative grade point average. A minimum of 30 semester hours must be completed through Regis University.

**Total Requirements for Doctor of Nursing Practice  
Advanced Practice Registered Nurse Specialization 31 SH**

NR 701--Theoretical Application for Doctor of Nursing Practice 3 SH

NR 702--Applied Statistics 3 SH

NR 703--Informatics 3 SH

NR 704--Epidemiology and Health Promotion for Populations 3 SH

NR 706A--Doctor of Nursing Practice Capstone Project A 1 SH

NR 706B--Doctor of Nursing Practice Capstone Project B 1 SH

NR 706C--Doctor of Nursing Practice Capstone Project C 1 SH

NR 707--Clinical Research for the Doctor of Nursing Practice 3 SH

NR 708--Health Policy Analysis and Development 3 SH

NR 711--Advanced Leadership for Collaborative Models of Care 3 SH

NR 712--Dynamics of Organizations, Systems Design, and Evaluation 3 SH

\*NR 715A--Application to Practice Clinical Hours 1-7 SH

\*NR 715B--Application to Practice Clinical Hours 1-7 SH

\*NR 715C--Application to Practice Clinical Hours 1-7 SH

NR 799--Capstone Defense 0 SH

\*A verification process of each student's completed post-graduate application to practice/clinical hours will be used to determine the number of NR 715A-C or NR 725 A-D courses and semester hours required based on the AACN requirement for completion of a total of 1000 post baccalaureate clinical hours.

## SCHOOL OF PHARMACY

### BACHELOR OF SCIENCE IN FOUNDATIONS OF PHARMACY

Students entering the Doctor of Pharmacy program through Regis College have the opportunity to earn both a BS and the PharmD degrees through completion of an accelerated 3+4 program. Students complete Doctor of Pharmacy prerequisites along with additional required and elective coursework during three years of

study in Regis College. Following completion of the first professional year of study in the School of Pharmacy, student are awarded the Bachelor of Science in Foundations of Pharmacy. Following completion of all four years of the Doctor of Pharmacy curriculum, students are then awarded the PharmD degree.

Completion of the B.S. in Foundations of Pharmacy degree requires formal application and acceptance into the Regis University School of Pharmacy, and successful completion of the first academic year of the School of Pharmacy Doctor of Pharmacy program. There are additional course prerequisite requirements for the B.S. in Foundations of Pharmacy outlined below. Otherwise the admissions procedures follow that of the Doctor of Pharmacy degree.

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Written and Oral Communication</i>	<i>6 SH</i>
English Composition (RCC 200)	3 SH
Speech Communication (COM 250)	3 SH
<i>Social Science</i>	<i>9 SH</i>
PY 250--General Psychology	3 SH
SO 200--Introduction to Sociology	3 SH
Social Science Elective	3 SH
<i>Other</i>	<i>9 SH</i>
Economics	3 SH
Philosophy	3 SH
Religious Studies	3 SH
<i>Natural Science and Mathematics</i>	<i>53 SH</i>
BL 260--Principles of Biology: Molecular and Cellular	3 SH
BL 261--Molecular and Cellular Biology Laboratory	1 SH
BL 262--Principles of Biology: Organismic	3 SH
BL 263--Principles of Biology: Organismic Laboratory	1 SH
BL 274--Principles of Human Anatomy	3 SH
BL 275--Human Anatomy Laboratory	1 SH
BL 276--Principles of Human Physiology	3 SH
BL 277--Human Physiology Laboratory	1 SH
BL 416--Molecular and Cellular Biochemistry	3 SH
BL 418--Microbiology	3 SH
BL 419--Microbiology Laboratory	1 SH
BL 466--Immunology	3 SH
CH 210--General Chemistry I	4 SH
CH 211--General Chemistry Laboratory I	1 SH
CH 230--General Chemistry II	4 SH
CH 231--General Chemistry Laboratory II	1 SH
CH 250--Organic Chemistry I	4 SH
CH 251--Organic Chemistry Laboratory I	1 SH
CH 420--Organic Chemistry II	4 SH
CH 421--Organic Chemistry Laboratory II	1 SH
MT 272--Statistics for the Life Sciences	3 SH

MT 360A--Calculus I	4 SH
<i>First Year Pharmacy</i>	34 SH
PHRM 750--Introduction to Pharmacy	2 SH
PHRM 701--Integrated Pharmacotherapy I	4 SH
PHRM 702--Integrated Pharmacotherapy 2	4 SH
PHRM 721--Integrated Pharmacy Laboratory I	1 SH
PHRM 740--Pharmacy Law and Policy	3 SH
PHRM 741--Therapeutic Principles of Self Care	3 SH
PHRM 751--Introductory Pharmacy Practice Experience I	2 SH
PHRM 703--Integrated Pharmacotherapy 3	4 SH
PHRM 704--Integrated Pharmacotherapy 4	4 SH
PHRM 722--Integrated Pharmacy Laboratory 2	1 SH
PHRM 743--Faith, Spirituality and Cultures in Health Care	3 SH
PHRM 730--Pharmacy and the United States Health Care System	3 SH

## DOCTOR OF PHARMACY

The Doctor of Pharmacy program is 150 semester hours of full-time study, offered in nine semesters over four years. The curriculum prepares graduates to become licensed pharmacists who are able to practice in a wide array of professional settings.

The Doctor of Pharmacy curriculum explores the role of medications in the management of health and treatment of diseases of all populations of people. Students study the basic biological and pharmaceutical sciences, including pharmacology, medicinal chemistry, and pharmaceuticals, that form the foundation of modern medication therapy. Application of these principles is achieved during the curriculum through team-based learning that focuses on real-world, professional situations that require critical thinking, communication, and team-building skills. Students also learn about the U.S. health care system, pharmacy law, using drug information resources, health care ethics, and more. The primary teaching strategy used throughout the curriculum is team-based learning, which is a method that emphasizes student preparation and assessment both as an individual and as a member of a student team. During the curriculum, students learn how to apply fundamental principles to medication management as part of a health care team.

The School of Pharmacy program offers students experiential learning opportunities throughout the curriculum. Experiential learning opportunities are designed to allow the students to apply the knowledge gained from campus based courses in a variety of health care settings. The experiential sequence includes both introductory and advanced pharmacy practice experiences. The introductory experiential component consists of one semester of campus-based learning and five semesters of off-campus introductory practice experiences. The advanced experiential component requires students to complete seven, six-week experiences during the summer semester following their third year and during their entire fourth professional years. Participation in the experiential learning component of the program necessitates travel to various sites in the Denver metro and surrounding areas. Advanced pharmacy practice experiences

are also offered (but not required) in other states within the United States, its territories and possessions. All expenses incurred during the introductory and advanced practice experiences are the responsibility of the student. During any one rotation students are given choices within a select subset of these sites.

The goal of the curriculum is found within the educational outcomes of the Regis University School of Pharmacy developed by the faculty. The educational outcomes are:

### **A Regis Pharmacist Must Be Knowledgeable.**

Regis University School of Pharmacy must prepare students so that they know how:

- to acquire and process information to solve problems efficiently;
- the pharmacy profession fits into the interdisciplinary health care system;
- to integrate knowledge from different scientific and academic disciplines into pharmacy practice;
- the economic, psychological, social, and cultural factors affect all aspects of health care;
- scientific and clinical principles dictate disease management strategies; and
- the business, social and administrative aspects affect pharmacy practice.

### **A Regis Pharmacist Must Be Skillful.**

Regis University School of Pharmacy must ensure that students will:

- acquire and critically evaluate information related to patient care;
- provide pharmaceutical care using evidence-based principles;
- accurately communicate drug therapy information to health care professionals, patients and their caregivers;
- be proficient in drug compounding, distribution, and administration;
- demonstrate the ability to manage basic business aspects of pharmacy practice;
- be able to adapt to changes in the health care system; and
- collaborate with all members of the health care team.

### **A Regis Pharmacist Must Be Principled.**

Regis University School of Pharmacy must foster students who are:

- aware of his or her and others' emotions and respond to them appropriately;
- accountable to, responsible to, and respectful of others;
- committed to continuous professional and personal development;
- empathetic towards others;
- trustworthy;

- prepared for leadership roles in the profession and the community;
- ethical and socially responsible;
- culturally aware when interacting with others;
- sensitive to issues of social justice; and
- willing to accept the crucial role that pharmacists play in achieving a common good within society.

### Essential Functions

In order to provide safe and effective pharmacy care, a student in the Doctor of Pharmacy program is expected to possess functional use of the senses of vision, hearing, and somatic sensation. All information received by the senses must be integrated, analyzed, and synthesized in a consistent and accurate manner. The applicant/student must be able to observe a patient accurately at a distance and close at hand.

If a student cannot meet these essential skills and abilities, it is the responsibility of the student to request appropriate accommodations. The university will provide reasonable accommodation as long as it does not fundamentally alter the nature of the program offered and does not impose an undue hardship. The details of the essential functions are found in the School of Pharmacy Student Handbook.

## ADMISSION

Applicants to the Doctor of Pharmacy (Pharm.D.) program must complete and submit their application through the PharmCAS system at [www.pharmcas.org](http://www.pharmcas.org). Initial screening of PharmCAS applications is performed by the Office of Admissions. Screening is based on selection criteria designed by the School of Pharmacy faculty. Applicants who meet the required qualifications are invited for an interview with members of the faculty and leaders in the pharmacy community.

### The Interview Selection Criteria:

- Recommended minimum science and mathematics grade point average of 2.5 (on 4.0 scale)
- The Pharmacy College Admissions Test (PCAT) is required. PCAT will be waived if cumulative GPA >3.25 and MS GPA >3.0 for Regis University Students.
- Required grade of C- or better in prerequisites. Prerequisite course work must be completed prior to matriculation.
- Submission of the [PharmCAS](#) application.
- One letter of recommendation.
- If English is not the applicant's native/first language, the applicant must meet the following language proficiency requirement:
  - TOEFL (Test of English as a Foreign Language) – Internet-based: Minimum score of 82 (24 Writing, 20 Speaking, 22 Reading, 16 Listening), Computer-based: Minimum score of 213. Regis University's TOEFL code is 4656.

- Applicants who have successfully completed an undergraduate or graduate degree at an accredited US institution do not need to provide a TOEFL score.

### Early Decision Program

The Early Decision Program is a binding option for applicants who have decided that the Regis Doctor of Pharmacy program is their first choice and that they will enroll if accepted. As an Early Decision applicant, they can apply to only one pharmacy degree program. The Early Decision application deadline is in early fall each year. If offered admission, the student is obligated to accept the offer and will not be permitted to apply to other institutions. However, if denied admission as an Early Decision applicant, the student may apply to other pharmacy degree programs.

### Early Assurance Program

The School of Pharmacy does not currently offer an early assurance program for entrance into the Doctor of Pharmacy program for Regis University students or students from other universities or colleges. Regis University students, however, are afforded a guaranteed admission interview provided they have completed at least three semesters of full-time study at Regis University and have maintained a minimum overall GPA of 3.0 in their prerequisite mathematics and life sciences courses. These students must also have achieved a score of 30% or greater on the PCAT.

### Interview Day

Selected applicants will be invited for a one day on-campus interview. The interview day consists of the following:

- welcome session;
- tour of the campus;
- a writing exercise;
- multiple mini-interviews;
- lunch with faculty, preceptors, and current Regis University students;
- introduction to Regis University and the School of Pharmacy;
- a simulated team-based learning activity;
- A guest Information session.

Informational activities will be provided for parents, spouses, and partners while the applicant participates in the interview process. In addition, there may be off-site remote location interview days conducted out of state by School of Pharmacy faculty and staff and the Office of Admissions in locations identified as having a higher number of applicants. With the exception of the campus tour and having current Regis University students on site for lunch, the interview day activities remain the same in remote locations.

### Qualified Applicants

Multiple criteria are used in admission screening and decisions. Successful applicants must have:

- earned a minimum science and mathematics grade point average of 2.5 (on a 4.0 scale);

- achieved a grade of “C” or better in all prerequisite courses. (Note: prerequisite course work must be completed prior to matriculation; however, course work may be in progress or planned at the time of application.);
- achieved a rank of 30% or greater on the Pharmacy College Admissions Test (PCAT);
- completed a successful interview
- demonstrated ability to communicate in writing
- demonstrated familiarity with the pharmacy profession and its future;
- demonstrated evidence of potential for success in doctoral degree program;
- demonstrated evidence of potential success as a professional;
- demonstrated evidence of an orientation toward service; and
- demonstrated willingness to work in teams and provide leadership.

Should the minimum PCAT and GPA requirement not be met but an applicant demonstrates strong or promising potential, an applicant may be considered for an interview day, with exception, if approved by the School of Pharmacy Student Affairs Committee

### Scoring and Ranking of Applicants

The Office of Admissions compiles a composite score based on PharmCAS and interview data. Applicants are ranked and selected by the School of Pharmacy Student Affairs Committee. The Office of Admissions sends an offer of admission to qualified applicants. The admission decisions of the Student Affairs committee are final.

### Offer of Admission

Applicants who have been selected for admission into the Doctor of Pharmacy program receive either a conditional or final offer of admission. Offers of admission are sent out until all program spaces are filled.

### Conditional Admission

Conditional admission may be offered to applicants who are attending a post-secondary institution and whose final academic grades for prerequisite courses are not yet available. Applicants offered conditional admission are accepted into the program pending successful completion of prerequisite courses with a grade of “C” or higher, maintaining grades consistent with the initial review and meeting the GPA requirements. Students must submit official transcripts to the Office of Admissions demonstrating that the conditional requirements have been met prior to the first day of regular classes. Students who may not have fully completed prerequisite course work at the time of admission may be accepted into the program pending successful completion of prerequisite courses with a grade of “C” or higher. Students must submit official transcripts demonstrating that the conditional requirements have been met prior to the first day of regular classes.

Final admission will be given to applicants who have met all of the admission criteria and who have submitted all application documentation

### Alternate List

An alternate list may be maintained until the beginning of classes. If space becomes available, alternate list applicants will receive written notification and/or a phone call of an offer of admission.

### DEPOSIT

Applicants must reply to the Office of Admissions within 10 days of receipt of the offer of admissions. A non-refundable deposit is required upon acceptance. The current deposit amount can be found at [www.regis.edu/pharmd](http://www.regis.edu/pharmd).

### PREREQUISITES

Prerequisite course work must be completed prior to matriculation into the School of Pharmacy. A minimum of 72 SH of prerequisite coursework is required prior to entry into the program.

<b>Natural Sciences and Mathematics</b>	<b>44 SH</b>
General Biology and Lab I	4 SH
General Biology and Lab II	4 SH
General Chemistry and Lab I	5 SH
General Chemistry and Lab II	5 SH
Organic Chemistry and Lab I	5 SH
Organic Chemistry and Lab II	5 SH
Microbiology and Lab	4 SH
Calculus I	4 SH
Anatomy and Lab	4 SH
Physiology and Lab	4 SH
<b>Written and Oral Communication</b>	<b>6 SH</b>
English Composition	3 SH
Speech Communication	3 SH
<b>Social Sciences</b>	<b>9 SH</b>
Psychology	3 SH
Sociology	3 SH
Social Science Elective	3 SH
<b>Other</b>	<b>13 SH</b>
Economics	3 SH
General Elective	4 SH
Philosophy	3 SH
Religious Studies*	3 SH

\*Not required for non-Regis applicants with a Bachelor's degree.

## COMPUTER LITERACY

Students are required to be computer literate prior to entering the program. Necessary skills include proficiency in several computer applications, including Microsoft Word, Excel, PowerPoint, and Outlook. Students are also expected to be comfortable navigating web pages using common Internet browsers, attaching documents to e-mails, and participating in online discussion groups as required by specific courses within the program. For students unfamiliar with computers and software, courses can be taken through community colleges, continuing education programs or through private companies prior to beginning the program.

Due to the possibility of the need for emergency curricular delivery as the result of campus or national closure, students are required to have access to a computer, a printer, and Internet access from home. A mobile device is also recommended but not required. Since nearly all public spaces on the Regis University campus have wireless Internet access, any device with wireless Internet connectivity can allow students to access Internet resources necessary for the program such as library databases, course resources that may have audio and video supplements to course content, and specialized databases such as pharmacology databases. In addition, high speed broadband (cable or DSL) or wireless Internet access at home and while on experiential rotations is suggested so that students can access multimedia files through the University system throughout the entire program. All student, faculty, and staff electronic communication is accomplished through an issued RegisNET e-mail account. Class notes, routine school communication, and class scheduling are examples of critical information that students will access daily through the RegisNET account. The University has several computer labs on campus that students may use, however, access from home is highly recommended. Consult the School of Pharmacy website for further information on system requirements and configurations at [www.regis.edu](http://www.regis.edu).

## ADVISING

A faculty advisor is assigned to all Doctor of Pharmacy students. An advisor counsels students on the process for meeting requirements for the Doctor of Pharmacy program and provides guidance and support for progression throughout the program as necessary. Students are required to meet with their advisors at least once a year to facilitate ongoing dialogue and development of professional behaviors, complete portfolio requirements, and address graduation criteria throughout their studies.

## PROGRAM PROGRESSION/PROBATION/ SUSPENSION/DISMISSAL

See details within the RHCHP Academic Standing and Penalties section of this Catalog and the School of Pharmacy Student Handbook.

## TRANSFER CREDIT

The School of Pharmacy curriculum integrates content from pharmaceuticals, pharmacology, medicinal chemistry, and the biological sciences with therapeutics in the courses over the first three professional years. Since the curriculum is highly integrated,

it is unlikely that a student wishing to transfer into the School of Pharmacy during the first three professional years will be able to do so without difficulty (e.g. not having adequate background in the pharmaceutical sciences or therapeutics). However, requests will be considered on a case-by-case basis.

## DEGREE AWARD

Students graduate in the semester that all requirements are met and documentation of such is received by the Office of Academic Records and Registration. Incomplete grades and late application for graduation may delay graduation to a subsequent semester. The Doctor of Pharmacy degree will be conferred to a student when he/she has satisfactorily completed all required academic and experiential course work, met the School of Pharmacy educational outcomes, and demonstrated behaviors consistent with the pharmacy profession.

It is the student's responsibility to read and understand all policies and requirements of the School of Pharmacy and the University. It is also the student's responsibility to maintain personal records of course work applicable to the degree such as elective courses.

## DEGREE REQUIREMENTS

*Total Degree Requirements* **150 SH**

**YEAR 1** **34 SH**

*Fall Semester* **17 SH**

PHRM 750--Introduction to Pharmacy 2 SH

PHRM 701--Integrated Pharmacotherapy I 4 SH

PHRM 702--Integrated Pharmacotherapy 2 4 SH

PHRM 721--Integrated Pharmacy Laboratory I 1 SH

PHRM 740--Pharmacy Law and Policy 3 SH

PHRM 741--Therapeutic Principles of Self Care 3 SH

*Spring Semester* **17 SH**

PHRM 751--Introductory Pharmacy Practice Experience I 2 SH

PHRM 703--Integrated Pharmacotherapy 3 4 SH

PHRM 704--Integrated Pharmacotherapy 4 4 SH

PHRM 722--Integrated Pharmacy Laboratory 2 1 SH

PHRM 743--Faith, Spirituality and Cultures in Health Care 3 SH

PHRM 730--Pharmacy and the United States Health Care System 3 SH

**YEAR 2** **34 SH**

*Fall Semester* **17 SH**

PHRM 752--Introductory Pharmacy Practice Experience 2 2 SH

PHRM 705--Integrated Pharmacotherapy 5 4 SH

PHRM 706--Integrated Pharmacotherapy 6 4 SH

PHRM 723--Integrated Pharmacy Laboratory 3 1 SH

PHRM 727--Integrated Literature Evaluation I 3 SH

PHRM 728--Integrated Literature Evaluation 2 3 SH

<i>Spring Semester</i>	<i>17 SH</i>
PHRM 753--Introductory Pharmacy Practice Experience 3	2 SH
PHRM 707--Integrated Pharmacotherapy 7	4 SH
PHRM 708--Integrated Pharmacotherapy 8	4 SH
PHRM 724--Integrated Pharmacy Laboratory 4	1 SH
PHRM 731--Pharmacoeconomics	3 SH
PHRM 770-777--Elective 1	3 SH

### **YEAR 3 46 SH**

<i>Fall Semester</i>	<i>17 SH</i>
PHRM 754--Introductory Pharmacy Practice Experience 4	2 SH
PHRM 709--Integrated Pharmacotherapy 9	4 SH
PHRM 710--Integrated Pharmacotherapy 10	4 SH
PHRM 725 Professional Development I	1 SH
PHRM 732--Leadership and Management	3 SH
PHRM 770-777--Elective 2	3 SH

<i>Spring Semester</i>	<i>17 SH</i>
PHRM 755--Introductory Pharmacy Practice Experience 5	2 SH
PHRM 711--Integrated Pharmacotherapy 11	4 SH
PHRM 712--Integrated Pharmacotherapy 12	4 SH
PHRM 726 Professional Development II	1 SH
IHCE 742--Foundation of Professional Character and Ethical Practice	3 SH
PHRM 770-777--Elective 3	3 SH

<i>Summer Semester</i>	<i>12 SH</i>
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH

### **YEAR 4 36 SH**

<i>Fall Semester</i>	<i>18 SH</i>
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PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH

<i>Spring Semester</i>	<i>18 SH</i>
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PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH
PHRM 760-767--Advanced Pharmacy Practice Experience	6 SH

## **SCHOOL OF PHYSICAL THERAPY**

### **BACHELOR OF SCIENCE IN HEALTH AND EXERCISE SCIENCE**

#### **PROGRAM DESCRIPTION**

Health status has been shown to be related to many factors including illness and disease, but it's also related to lifestyle, environmental exposures, social status, cultural affiliation, spiritual belief and access to health services. The Bachelor of Science in Health and Exercise Science offers the foundation to use strategies to help others reduce health risks and increase overall health, as well as evaluate and advocate for policies that influence public health for the common good. In Jesuit education it is known as *cura personalis*. To HES students it means looking at all aspects that affect individuals' and communities' health, including social justice issues, along with each individual's unique circumstances, challenges and gifts.

The Bachelor of Science in Health and Exercise Science combines the following principles to optimize physical, mental and social wellbeing: behavioral health, biomechanics, exercise physiology, motor behavior, nutrition, and psychology of sport. The HES degree lays the foundation for careers in health and wellness, personal training or community health. Careers include Exercise Physiologists, Exercise Specialists, Personal Trainers, Fitness Center Managers, Health Coaches, and Wellness Directors. In addition to the course work included in this degree, there is an optional internship for students to gain practical experience in community health, individual fitness or health policy settings.

The four-year, 120 semester hour, Bachelor of Science degree includes preparation for the American College of Sport Medicine (ACSM) exercise specialist certification. With specific advising and use of electives, students can fulfill specific prerequisite coursework to enter professional post-baccalaureate programs in Physical Therapy, Occupational Therapy, Sports Medicine, Exercise Physiology and a variety of other health care fields.

While the School of Physical Therapy does not offer guaranteed admission to its Doctor of Physical Therapy program, priority interview consideration is given to all Regis University undergraduates who maintain a strong academic record and submit competitive GRE exam scores. Additional consideration is given to those students who major or minor in Health and Exercise Science. For additional information regarding the admission process for the Doctor of Physical Therapy program, contact the School of Physical Therapy and/or refer to the Doctor of Physical Therapy section in this *Catalog*.

## ADMISSION

Regis University uses two general approaches in evaluating any applicant for admission; evidence of academic and co-curricular achievement and evaluation of the individual's potential for success at Regis University.

Completed applications and all required documentation for admission must be received by the Office of Admissions no later than two weeks before the start of classes each semester. Admissions can be unavailable due to a wait list and/or other enrollment restrictions. Students applying after this deadline may be required to have an interview with the dean and/or the director of admissions.

All documents submitted during the application process become the property of Regis University.

## ADMISSION REQUIREMENTS

### High School Graduates

Prospective students who wish to apply should complete the following requirements:

- Complete the Regis Freshman Application or The Common Application. Regis University accepts the Common Application in lieu of its own application and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis University. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request that official high school transcripts be forwarded to Regis University's Office of Admissions. (Transcripts must be official and may not be stamped Student Copy.)
- High school seniors should have their official ACT and/or SAT test results forwarded to the Office of Admissions from their high school or testing agency. (ACT code: 0526; SAT code: 4656.)
- Applicants should include a personal statement or essay with their application. This will allow the admissions committee to get to know the applicant better.
- Applicants should submit one letter of recommendation either from a high school counselor or a teacher.
- Applicants are strongly encouraged to schedule a visit to campus to attend an information session and tour campus. Once accepted into Regis University, the admissions office asks the applicant to confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### General Educational Development Diploma Recipients

A student who has received a General Educational Development (GED) diploma is eligible for admission to Regis College.

### Transfer Students

Applicants are granted admission on the basis of academic record and the intended field of study. A student wishing to transfer to Regis University for a Health and Exercise degree must have a satisfactory cumulative grade point average. Class status is determined by the number of hours that are transferable from a regionally accredited institution. Specific questions concerning the evaluation of credits should be directed to the Office of Admissions. Transfer students are not admitted with senior standing unless they are willing to complete a minimum of 30 semester hours at the University.

Additionally, all transfer students are subject to specific Core Seminar requirements as outlined in this section of this *Catalog* under the Core Studies Requirements heading.

Students who wish to transfer to should:

- Complete the Regis Transfer Application or The Common Application. Regis University accepts the Common Application in lieu of its own form and gives equal consideration to both.
- Failure to answer the Felony/Misdemeanor question will stop the processing of the application/enrollment to Regis College. If convicted of a felony or misdemeanor, a background check may be required.
- Applicants should request official transcripts from each college attended to be sent directly to Regis University's Office of Admissions. (Transcripts must be official and may not be a stamped Student Copy.)
- Applicants should include a personal statement or essay with their application. This allows the Office of Admissions to get to know the applicant. Official high school transcripts are required if transfer student has less than 30 semester hours completed at the time of submitting the application.

Once accepted into Regis University, the admissions office requests that the applicant confirm his/her plans for enrollment with a nonrefundable tuition deposit of \$150 and room reservation deposit of \$150. If the applicant plans to live off campus, the deposit is \$150. Admissions deposits should be received by the Office of Admissions by May 1.

### Returning Students

Students who attended Regis University and have not attended another institution since their departure are eligible to return if they were in good academic standing at the time of their exit.

Students who have attended another institution during their leave from Regis must submit a transcript of all coursework attempted during their leave. The admission decision is based on the student's academic performance at the college or university attended during the interim and his/her Regis grade point average.

If the student returns to Regis after a year or longer absence, he/she must reapply to the University. If the student is returning



within one year of leaving Regis, it is not necessary to reapply. However, it is necessary to request that the student's file be activated by completing a Regis Admission File Reactivation form. No admission fee is assessed for returning students.

### **Non-degree Seeking Students (Unspecified Student)**

Non-degree seeking students who desire nine or fewer semester hours of credit may enroll at Regis College as unspecified students if they possess a high school diploma or equivalent certificate. Unspecified students must submit applications before the beginning of the semester in which they plan to enroll. A nonrefundable \$150 deposit, which reserves academic space, is required.

An unspecified student may take any lower division course with the exception of courses in the Commitment Program. Such a student may not live in the College residence halls. Unspecified students are held to the same academic standing policies as full-time degree-seeking students.

Unspecified students who have already earned a bachelor's degree need not apply for formal admission to Regis after attempting nine hours. These students are also permitted to take upper division coursework. Undergraduate part-time students who have not previously earned a degree and wish to register for courses above the nine hour limit, need to apply for admission to a degree program through the Office of Admissions.

### **Admission on Academic Probation**

Regis University recognizes that some students have had setbacks in earlier academic endeavors and are now motivated to perform well academically. These students include applicants who present either low ACT or SAT scores, a low grade point average from another college/university, or high school, and/or have been out of school for at least three years. The University is willing to consider some students with these profiles for probationary admission. The academic performance of each student admitted on probation is reviewed at the end of one semester; students must complete at least 12 credits with a 2.000 GPA to continue attending the college.

### **Late Admissions Policy**

- Students who apply on or before the first day of class may be allowed, at the discretion of the academic dean, to register as late as the end of the add/drop period.
- Students who wish to apply between the first day of class and the end of the add/drop period are cleared on a case-by-case basis.
- Students should have a current unofficial transcript.
- Any student attempting to process financial aid or veterans benefits paperwork, or those who cannot meet their financial obligation immediately, are encouraged to wait until the following semester.
- Late admission students do not have priority for enrolling in courses, especially closed courses.
- A Dean's Office designee is the advisor of these students to assist them with the immediate hurdles incurred by late

arrival. The advisor deals with any additional student problems as required during the course of the semester.

## **COMPETENCY-BASED CREDIT**

Competency-based credit is awarded for non-classroom experiences. This includes National Standardized exams such as College Board Advanced Placement (AP) Examinations, College Level Examination Program (CLEP), Defense Activity for Non-Traditional Education Support (DANTES) Subject Standardized Testing Program and International Baccalaureate (IB) Program. In addition, credit may be awarded for selected courses offered at Regis University through Challenge Exams. While there is no limit to the amount of credit that can be awarded through these testing programs, these credits do not apply toward meeting the Regis University residency requirement.

### **College Board Advanced Placement (AP) Program**

Credit and/or placement in advanced coursework is awarded for AP examinations. Minimum scores required for awarding of credit and/or placement is established by the University. Students should check with the Regis University Office of Admissions to determine minimum scores required and how credit awarded for AP examinations satisfies degree requirements.

### **Challenge Exams**

Regis University students may not take Challenge exams to replace Regis College core, elective, major or minor courses.

### **College Level Examination Program (CLEP)**

Credit may be awarded through the College Level Examination Program. CLEP exams cover material taught in either introductory or advanced level college courses. There are four general CLEP exams accepted by Regis University: English Composition, Humanities, Social Sciences/History (check Regis program for acceptance), and Natural Science. Accepted subject exams cover such areas as Business, Composition, Computer Science, Economics, History, Literature, Mathematics, Social Sciences, and Natural Sciences. Regis University has an open test center offering CLEP exams at both the Denver and Colorado Springs campuses. Students need both their advisor's and Dean's approval to take CLEP exams at Regis. Students can replace no more than two courses with CLEP credit. Minimum scores required for awarding of credit are established by the University.

### **Defense Activity for Non-Traditional Educational Support (DANTES)**

DANTES examinations are similar to the CLEP examinations, but cover 17 additional subject areas. Counseling, Ethics, Geology, Astronomy, Risk and Insurance, Money and Banking, and Technical Writing are among the DANTES examinations administered at both Denver and Colorado Springs campuses. Students need both their advisor's and Dean's approval to take DANTES exams at Regis. Students can replace no more than two courses with DANTES credit. Minimum scores required for awarding of credit are established by the University.

**International Baccalaureate Program (IB)**

Credit is awarded for IB subject examinations that have been completed at the higher level. A minimum passing score of four is required. Students should check with the Regis College Admissions Office to determine how IB credit satisfies degree requirements.

**BACHELOR OF SCIENCE IN HEALTH AND EXERCISE SCIENCE**

<i>Total Degree Requirements</i>	<i>120 SH</i>
<i>Core Studies Requirements</i>	<i>41 SH</i>
English Composition (RCC 200)	3 SH
Literature/Humanities/Oral and Written Communication	6 SH
PH 202A--General Physics with Trigonometry I	3 SH
PH 205A--General Physics Lab with Trigonometry I	1 SH
NS 260--Introduction to Brain and Behavior	3 SH
NS 261--Introduction to Brain and Behavior Lab	1 SH
PY 250/PY 250C--General Psychology	3 SH
SO 200/SO 200C--Introduction to Sociology	3 SH
PY 358--Lifespan Human Development	3 SH
Social Science/Economics/Business Elective	3 SH
Philosophy (3 SH must be in Health Care Ethics)	6 SH
Religious Studies	6 SH
<i>Pre-Requisites</i>	<i>10 SH</i>
NR 350--Normal and Therapeutic Nutrition	3 SH
MT 260--Pre-Calculus	3 SH
BL 260--Principles of Biology: Molecular and Cellular	3 SH
BL 261--Molecular and Cellular Biology Laboratory	1 SH
<i>Lower Division Requirements</i>	<i>14 SH</i>
HES 210--Introduction to Health and Exercise Science	3 SH
HES 311--Research Design and Statistics	3 SH
HES 374--Applied Human Anatomy	3 SH
HES 375--Applied Human Anatomy Laboratory	1 SH
HES 376--Applied Human Physiology	3 SH
HES 377--Applied Human Physiology Laboratory	1 SH
<i>Upper Division Requirements</i>	<i>31 SH</i>
HES 418--Psychosocial Aspects of Health	3 SH
HES 420--Functional Anatomy	3 SH
HES 421--Functional Anatomy Laboratory	1 SH
HES 430--Physiology of Exercise	3 SH
HES 431--Physiology of Exercise Laboratory	1 SH
HES 434--Exercise Prescription	3 SH
HES 435--Exercise Prescription Laboratory	1 SH
HES 438--Nutrition Across the Lifespan	3 SH
HES 440--Concepts of Motor Behavior	3 SH
HES 441--Concepts of Motor Behavior Laboratory	3 SH

HES 450--Biomechanics of Exercise	3 SH
HES 451--Biomechanics of Exercise Laboratory	1 SH
HCA 432A -- Leading Effective Organizations I	3 SH
<i>Upper Division HES Electives</i>	<i>12 SH</i>

**Community Health Coaching and Exercise Electives**

HES 439--Population-Based Exercise Programs	3 SH
HES 460--Community Health Assessment	3 SH
HES 465--Management in Health Settings	3 SH
HES 470--Perspectives on Global Health	3 SH
HES 472--Society and Culture in Health	3 SH
HCA 440--Health Coaching	3 SH

**Natural and Behavioral Science Electives**

PY 459--Developmental Psychology: Childhood	3 SH
PY 460--Developmental Psychology: Adolescence	3 SH
PY 461--Developmental Psychology: Adulthood and Aging	3 SH
PY 471--Abnormal Psychology	3 SH
BL 414--Principles of Genetics	3 SH
BL 415--Genetics Laboratory	1 SH
HES 490E-W--Independent Study in Health and Exercise Science	3 SH
HES 498E-W--Internship in Health and Exercise Science	3 SH
NS 485--Functional Neurophysiology and Neuroanatomy	3 SH
NR 486-- Functional Neurophysiology and Neuroanatomy Laboratory	1 SH
<i>General Electives</i>	<i>12 SH</i>

**Minor in Health and Exercise Science**

A minor in Health and Exercise Science is offered and is compatible with a number of undergraduate majors, including Biology, Neuroscience, and Psychology. Courses in the minor develop theoretical and practical knowledge related to the biological, mechanical, and behavioral basis for movement. The minor is designed so that students will experience the multidisciplinary foundations of human exercise and movement. Students who include the Health and Exercise Science minor in their education will be able to apply this knowledge to strategies designed to improve and optimize physical performance.

The Health and Exercise Science minor is open to all Regis University students. HES courses are taught by faculty in the School of Physical Therapy and promote an early introduction and mentoring option for students interested in careers that incorporate principles of health and exercise science, such as Physical Therapy.

**Health and Exercise Science Minor****34-35 SH***Lower Division Requirements**22-23 SH*

BL 274--Principles of Human Anatomy

or

HES 374--Applied Human Anatomy

3 SH

BL 275--Human Anatomy Laboratory

or

HES 375--Applied Human Anatomy Laboratory

1 SH

BL 276--Principles of Human Physiology

or

HES 376--Applied Human Physiology

3 SH

BL 277--Human Physiology Laboratory

or

HES 377--Applied Human Physiology Laboratory

1 SH

MT 272/MT 272C--Statistics for Life Sciences

or

HES 311--Research Design and Statistics

3 SH

One of the following eight semester hours options of physics:

- PH 202A--General Physics with Trigonometry I 3 SH
- PH 205A--General Physics with Trigonometry Laboratory I 1 SH
- PH 202B--General Physics with Trigonometry II 3 SH
- PH 205B--General Physics with Trigonometry Laboratory II 1 SH

- PH 304A--General Physics with Calculus I 3 SH
- PH 305A--General Physics with Calculus Laboratory I 1 SH

PH 304B--General Physics with Calculus II 3 SH

PH 305B--General Physics with Calculus Laboratory II 1 SH

PY 250/PY 250C--General Psychology 3 SH

or

NS 260--Introduction to Brain and Behavior 3 SH

and

NS 261--Introduction to Brain and Behavior Laboratory 1 SH

*Upper Division Requirements* 1/2 SH

HES 420--Functional Anatomy 3 SH

HES 430--Physiology of Exercise 3 SH

HES 440--Concepts of Motor Behavior 3 SH

HES 450--Biomechanics of Exercise 3 SH

*Recommended Electives*

HES 421--Functional Anatomy Laboratory 1 SH

HES 431--Physiology of Exercise Laboratory 1 SH

HES 441--Concepts of Motor Behavior Laboratory 1 SH

HES 451--Biomechanics of Exercise Laboratory 1 SH

**DOCTOR OF PHYSICAL THERAPY****PROGRAM DESCRIPTION**

The entry-level DPT program is 110 semester hours of full-time study, offered in eight semesters over three calendar years. This degree prepares students to be autonomous and Interprofessional general practitioners equipped with the necessary tools to practice physical therapy in the 21<sup>st</sup> century.

The physical therapy curriculum explores motor control and movement theory as foundational principles of PT education. Students study movement and its effects on each body system and how it relates to physical therapy management across the lifespan. Extensive study of the foundation sciences is incorporated into the curriculum. Within an evidenced-based practice perspective, graduates apply the most current medical literature to daily clinical decisions. This model enables students to successfully link theory and application to clinical practice. Numerous faculty-facilitated, small group activities are also included in the curriculum. For example, in-depth clinical problems and issues are explored in small group tutorials offered in the Professional Issues/Case Management series of the curriculum. These tutorials serve to extend and integrate material discussed in other courses and foster students' ability to access and apply information. Tutorials also stress development of communication, teaching skills, and ongoing personal and peer assessment.

During clinical experiences, students have the opportunity to integrate knowledge gained from courses and to refine their skills in examination, evaluation, diagnosis, prognosis, intervention, outcomes, and communication with diverse populations. Participation in clinical rotations within the program necessitates travel to various sites outside the Denver area and across the country. All expenses incurred during the clinical rotations are the responsibility of the student. Students are required to participate in a minimum of one rural experience and one out-of-state experience to facilitate an appreciation of various practice settings. Currently, the School of Physical Therapy is affiliated with more than 300 clinical sites throughout the country, as well as select international experiences. For each rotation students are given choices within a subset of these sites.

Graduation requirements include completion of a scholarly project and a capstone portfolio. Upon successful completion of the program, graduates are awarded a Doctor of Physical Therapy degree, making them eligible to take the physical therapy licensure examination in any U.S. jurisdiction.

**ESSENTIAL FUNCTIONS**

The intent of the entry-level physical therapy program is to educate competent physical therapists who can examine, evaluate, diagnose, and establish interventions for the general population of acute, rehabilitation and chronic patients/clients in health care settings. The observational, cognitive, affective, and psychomotor skills deemed essential to complete this program and to perform as a competent practitioner of physical therapy have been identified.

If a student cannot meet these essential skills and abilities, it is the responsibility of the student to request an appropriate

accommodation. The university will provide reasonable accommodation as long as it does not fundamentally alter the nature of the program offered and does not impose an undue hardship. Details of the Essential Functions are found in the School of Physical Therapy Student Handbook.

## ADMISSION

All applicants will apply for admission to the Doctor of Physical Therapy professional entry program through the Physical Therapist Centralized Application Service (PTCAS) [PTCAS c/o Liaison International, 311 Arsenal St., Suite 15, Watertown, MA 02471]. All qualified applicants are reviewed by the faculty of the School of Physical Therapy. Students who meet the following criteria to the satisfaction of the School of Physical Therapy are invited for a personal interview and considered for acceptance into the graduate program.

### I. Criteria for admission are as follows:

- Completion of a baccalaureate degree prior to matriculation with a major in a field other than Physical Therapy from a regionally accredited institution of higher education. No academic major is given priority consideration during the selection process.
  - Completion of prerequisite course work with a minimum grade of "B-" or above in each prerequisite course preferred and a minimum cumulative grade point average of 2.75 (further details are listed under the "Admissions Prerequisites" heading in this section). Prerequisite course work must be completed prior to matriculation; however, course work may be in progress or planned at the time of application.
  - Demonstration of an undergraduate cumulative grade point average of 3.00 on a 4.00 scale preferred.
  - Demonstration of familiarity with the profession of physical therapy.
  - Evidence of potential for success in graduate education.
  - Evidence of potential for success as a professional in the field of physical therapy.
2. Applicants must submit all required admission information as instructed by PTCAS and requested on the PTCAS application. This, in part, includes the following items:
- Official transcripts of all college-level course work.
  - Three letters of recommendation from persons well suited to evaluate qualification for graduate study and/or physical therapy. One recommendation must be completed by a licensed physical therapist and one recommendation must be completed by a college-level faculty. Personal letters of recommendation are not accepted.
  - Official GRE Scores.
3. Applicants are ranked for admission according to the following criteria:
- Prerequisite grade point average.
  - Cumulative grade point average.
  - GRE scores.

- Recommendation scores.
  - Completion of highly recommended courses.
  - While the School of Physical Therapy does not offer guaranteed admission, priority interview consideration is given to all Regis College undergraduates who maintain a strong academic record and submit competitive GRE exam scores. Additional consideration is given to those students who major or minor in Health and Exercise Science.
4. Applicants with the highest rank are invited for an interview with members of the faculty.
- Since the number of qualified applicants exceeds available slots, the faculty selects a diverse student group from the interviewed applicant pool. Admission decisions are not based solely on final applicant rank.

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the School of Physical Therapy, the Rueckert-Hartman College for Health Professions, or Regis University. Also, adherence to the "Code of Ethics, Guide to Professional Conduct," and "Standards of Practice for Physical Therapy" as described by the American Physical Therapy Association is required for all students in the program.

NOTE: All documents submitted during the application process become the property of Regis University.

### Probationary Admission

In rare cases, students may be admitted to the program on probation. If this is the case, the student must follow the conditions listed in the Academic Standing section of this Catalog.

### Conditional Admission

Students who may not have fully completed prerequisite course work at the time of admission may be accepted into the program pending successful completion of prerequisite courses with a grade of "B" or higher. Students must submit official transcripts demonstrating that the conditional requirements have been met prior to the first day of regular classes.

### Prerequisites

Prerequisite course work must be completed prior to matriculation into the School of Physical Therapy. The biological and physical science courses must be those designated for science majors.

- |   |      |
|---|------|
| • Descriptive and Inferential Statistics        | 3 SH |
| • Biology (lectures and laboratories)           | 8 SH |
| • General Chemistry (lectures and laboratories) | 8 SH |
| • General Physics (lectures and laboratories)   | 8 SH |
| • Human Anatomy (lecture and laboratory)        | 4 SH |
| • Human Physiology (lecture and laboratory)     | 4 SH |

- Behavioral Sciences (Development and Abnormal Psychology are recommended) 6 SH

Other courses that are highly recommended but not required for admission include: Communications/Speech, Motor Control, Research Methods, Neuroscience/Neuroanatomy, Advanced Statistics, Mechanical Kinesiology/Biomechanics, Exercise Physiology, and Motor Learning.

### Computer Literacy

Students are required to be computer literate prior to entering the program. Necessary skills include proficiency in several computer applications such as Microsoft Office or similar Google apps. Students are also expected to be comfortable navigating web pages using common Internet browsers, attaching documents to emails, and participating in online discussion forums as required by specific courses within the program. Prior knowledge in SPSS statistical software is highly recommended.

All students undertaking the Doctor of Physical Therapy program must have ready access to a computer system compliant with RHCHP systems requirements and configuration for the online learning management system that is used to augment classroom-based courses. See Student Handbook and University website for specific details.

Students are also required to have a laptop, an iPad, a printer, and a smartphone.

NOTE: High speed broadband (cable or DSL) or wireless Internet access at home and while on clinical rotations is required so that students can access multimedia files through the University systems throughout the entire program. All students/faculty/staff electronic communication is accomplished through an issued RegisNET email account. Class notes, routine school communication, and class scheduling are examples of critical information that students will access daily through the RegisNET account. The University has several computer labs on campus that students may use, however, access from home and clinical rotation housing is essential. Consult the school website for further information on system requirements and configurations at [www.regis.edu](http://www.regis.edu).

### ADVISING

An academic faculty advisor is assigned to all entering physical therapy students. Advisors counsel students on meeting requirements for the graduate program and provide guidance and support for progression throughout the program as necessary. Students are required to meet with their advisors a minimum of one time per semester to facilitate ongoing dialogue and development of professional behaviors, complete portfolio requirements, and graduation criteria throughout their studies. Advisors may or may not serve as the student's research project advisor depending on the topics of choice.

### PROGRAM PROGRESSION

A student needs a minimum grade of "C+" or better in each course in order to progress in the Physical Therapy program. If a grade of "C" or "C-" is received in any of the course requirements, the student must remediate the course within the

following semester in order to progress (for specifics, see Remediation). Students may participate in clinical education rotations during semester IV while remediating a grade of "C" or "C-". Doctor of Physical Therapy students may not participate in any subsequent clinical education rotation until remediation of a grade of "C" or "C-" in a previous semester course is completed. It should be noted that failure to participate in a clinical education experience may limit a student's ability to continue participation in the program within the present schedule. Since courses are offered once a year, this may necessitate stopping out until the next academic year.

### ADD/DROP

Students follow the add/drop policy dates published in the General Information section of this *Catalog*. Requests to drop a course require the signature of the program director. Students who drop a course must understand that this jeopardizes their ability to continue in the program.

### REMEDIATION

A grade of "C" or "C-" for a course must be remediated. The initial grade will be changed to a "C+" following successful remediation of the "C" or "C-" grade. Grades of "D" or "F" for a course cannot be remediated. Refer to the RHCHP Graduate Academic Suspension section in this *Catalog* for consequences. The process of remediation begins the first week of the semester following receipt of a grade of "C" or "C-". During this week, a remediation contract with input from the student and instructor is developed that outlines format, content and evaluation method for the remediation. This contract is finalized and signed by the student, instructor, and program director.

The agreed upon remediation must be successfully completed by the end of the semester following the receipt of an unsatisfactory grade. Failure to successfully complete the remediation process by this time cancels the student's ability to participate in a clinical education experience. An exception to this policy is available during semester IV. Students may participate in DPT 750--Clinical Education I while remediating a "C" or "C-" grade. Students may not participate in any subsequent clinical education rotations until remediation for a "C" or "C-" in a previous semester course is completed.

Students should be aware that completion of a remediation must occur at least nine days prior to the start of the clinical education rotation. It should again be noted that failure to participate in a clinical education experience may limit a student's ability to progress through the remainder of the curriculum. (Since courses are offered once a year, this may necessitate stopping out until the next academic year.) Students should refer to Program Progression for consequences. If the initial remediation is not successful, one more remediation is allowed as long as time still allows within the designated remediation contract date. If remediation attempts continue beyond the contract date (in cases of subsequent clinical rotations) or end of semester, this may also necessitate stopping out until the next academic year. If this remediation is not successful, the student is considered to have an unremediated "C" or "C-" and is suspended from the program.

**PROBATION/SUSPENSION/DISMISSAL**

See details within the RHCHP Graduate Academic Standing and Penalty section of this *Catalog* and the School of Physical Therapy Student Handbook.

**COURSE OVERLOAD**

A student may participate in independent study as a course overload for any term with the permission of the faculty of record, the advisor and the program director.

**TRANSFER CREDIT**

Credit transfers are not accepted in the professional entry Doctor of Physical Therapy program.

**GRADUATION REQUIREMENTS**

Students must meet the following criteria to be awarded the Doctor of Physical Therapy degree:

- Satisfactory completion of required academic and clinical coursework.
- Cumulative GPA of 3.000 and a minimum of "C+" in each course.
- Satisfactory completion of a scholarly project.
- Satisfactory completion of a comprehensive examination.
- Satisfactory completion of a capstone project.
- Successful progression in professional behaviors, including required membership in and attendance at APTA activities.
- Recommendation for the degree by the faculty of the School of Physical Therapy.

It is the student's responsibility to read and understand all policies and requirements of the School and the University. It is also the student's responsibility to maintain personal records of coursework applicable to the degree.

**DEGREE REQUIREMENTS**

*Total Degree Requirements* **110 SH**

**YEAR I** **47 SH**

*Fall Semester* **16 SH**

DPT 701--Human Anatomy and Histology	6 SH
DPT 703--Biomechanics/Kinesiology-Extremities	3 SH
DPT 708--Management Applications of Physiology: MAP I	3 SH
DPT 770--Professional Issues/Case Management I	1 SH
DPT 776--Critical Inquiry	3 SH

*Spring Semester* **16 SH**

DPT 704--Neuroscience	4 SH
DPT 705--Biomechanics/Kinesiology-Spine	2 SH
DPT 706--Movement Science	2 SH
DPT 710A--Pharmacology	1 SH
DPT 730--Physical Therapy Examination	3 SH
DPT 732--Management Applications of Physiology: MAP II	4 SH
<i>Summer Semester</i>	<b>15 SH</b>
DPT 707--Kinesiology II	4 SH
DPT 714--Psychosocial Aspects of Health Care	3 SH
DPT 733--Musculoskeletal Management I	3 SH
DPT 771--Professional Issues/Case Management II	2 SH
DPT 790--Evidence Based Practice I	2 SH
DPT 719--Exercise Foundations	1 SH

**YEAR II** **42 SH**

*Fall Semester* **13 SH**

DPT 710B--Pharmacology	1 SH
DPT 712--Diagnostic Imaging and Procedures	2 SH
DPT 734--Musculoskeletal Management II	3 SH
DPT 736--Neurological Management I	3 SH
DPT 750--Clinical Education I	2 SH
DPT 772--Professional Issues/Case & Practice Management III	2 SH

*Spring Semester* **18 SH**

DPT 735--Musculoskeletal Management III	3 SH
DPT 737--Neurological Management II	5 SH
DPT 738--Management Applications of Physiology: MAP III	5 SH
DPT 773--Professional Issues/Case Management IV	1 SH
DPT 791--Evidence Based Practice II	1 SH
HCE 709A--Health Care Ethics for Physical Therapists	3 SH

*Summer Semester* **11 SH**

DPT 715--Health Care Policy	2 SH
DPT 731--Differential Diagnosis	2 SH
DPT 739--Exercise Applications	2 SH
DPT 751--Clinical Education II	4 SH
DPT 774--Professional Issues/Case Management V	1 SH

<b>YEAR III</b>	<b>21 SH</b>
<i>Fall Semester</i>	<i>13 SH</i>
DPT 716--Business Management	2 SH
DPT 740--PT Management across the Lifespan	2 SH
DPT 752--Clinical Education III	5 SH
DPT 775--Professional Issues/Case Management VI	1 SH
DPT 780E-W--Topics in Physical Therapy I	1 SH
DPT 781E-W--Topics in Physical Therapy II	1 SH
DPT 792--Evidence Based Practice III	1 SH
DPT 799--Comprehensive Exam	0 SH
<i>Spring Semester</i>	<i>8 SH</i>
DPT 753--Clinical Education IV	6 SH
DPT 793--Evidence Based Practice IV	1 SH
DPT 796--Capstone	1 SH

## FELLOWSHIP PROGRAM

### DESCRIPTION

The Department of Post-Professional Studies currently has a Fellowship in Orthopaedic Manual Physical Therapy (ABPTRFE credentialed). This program is predominantly online, except for intensive weekend sessions and structured mentoring time. The Fellowship is designed for licensed physical therapists who are board-certified orthopedic clinical specialists (OCS), or eligible to challenge the board certification examination from the American Board of Physical Therapy Specialists (ABPTS) in Orthopaedics and hold a doctoral degree (e.g., DPT, PhD, DSc). Upon successful completion of the Fellowship, graduates receive an Academic Certificate. Candidates who do not hold a Doctoral degree will undergo further admissions review by the program director.

The curriculum is focused on integrating the current best evidence with clinical decision-making necessary for comprehensive patient management as an Orthopaedic Manual Therapy focused Physical Therapist. During the course of the program admitted fellows-in-training will meet the ABPTRFE/IFOMPT (International Federation Orthopaedic Manipulative Physiotherapists requirements for accredited fellowship education/education standards. See specifics for the fellowship on the School of Physical Therapy website. Emphasis is placed on advanced clinical decision-making, advanced hands-on patient care/management, outcomes evaluation, and autonomous patient clinical decision making/management.

### ADMISSION

Admission to the Fellowship in Orthopaedic Manual Physical Therapy program is granted on a competitive basis with selections made biannually. The following requirements apply:

- Evidence of current and valid physical therapist license to practice in the United States.

- Evidence of current APTA membership is required for admitted students (can be completed within thirty (30) days after acceptance).
- Evidence of current AAOMPT membership is required for admitted students (can be completed within thirty (30) days after acceptance).
- Two years' experience in primary orthopedic physical therapist practice.
- Currently engaged in orthopedic clinical practice (thus board eligible for APTA Orthopaedic Clinical Specialist Certification) (SCS certification also considered).\*
- Evidence of commitment to advanced musculoskeletal practice, clinical research, and mentoring of physical therapy students.

\*The program requires that all Fellows in Training (FIT) be Orthopedic Certified Specialist (OCS) eligible (or SCS), and therefore have at least two years of full-time clinical experience in the area of orthopedic physical therapy. Students that are not OCS (or SCS) certified at the time of application are expected to sit for the OCS (or SCS) exam prior to completion of the practicum examination. Due to the lag between application, and receipt of results (up to 12 months); if acceptance to sit for the OCS (or SCS) examination has been completed, an applicant may complete the practicum examination prior to sitting for the examination if approved by course faculty. It is strongly encouraged that Fellows in Training apply for the OCS (or SCS) exam prior to July 31st of the year they expect to complete Fellowship requirements.

### Application Process (PTCAS)

Applicants must submit all required admission information as instructed on the RF-PTCAS (Residency and Fellowship Physical Therapy Centralized Application Service) application. This, in part, includes the following:

1. Complete RF-PTCAS web-based application
2. Correct RF-PTCAS application fee
3. Official transcripts from every U.S. physical therapy college or university attended sent directly to RF-PTCAS. Official transcripts should not to be sent directly to Regis University. Transcripts are not required for non-PT degrees for Regis University's Orthopaedic Manual Therapy Physical Therapy Fellowship program. RF-PTCAS does not accept student-issued transcripts or faxed copies.
4. Three electronic letters of recommendation (eLOR's) sent directly to RF-PTCAS on standard form provided in the application. Two references at a minimum must be professional references. One reference may be a personal reference.
5. Address the three essay questions that are part of the RF-PTCAS application. Regis University does not require additional essays beyond those specified in the RF-PTCAS application.
6. Failure to submit all required materials as instructed may jeopardize eligibility for admission consideration.

## Ranking

Admission to the Fellowship in Orthopaedic Manual Physical Therapy is granted on a competitive basis.

Regis University reserves the right to deny admission, continued enrollment, or re-enrollment to any applicant or student who would pose an unreasonable risk of harm to self or others, or any unreasonable risk of disruption to the academic or clinical processes of the School of Physical Therapy, the Rueckert-Hartman College for Health Professions, or the University. Also, adherence to the Code of Ethics for the Physical Therapist, and Standards of Practice for Physical Therapy as described by the American Physical Therapy Association is required for all students in the program.

## Computer Literacy

Due to the online format of the courses in the Fellowship, students need to be proficient in several computer applications. In addition to the applications found in Microsoft Office Suite (Word, Excel, PowerPoint, Outlook), students are expected to be comfortable navigating web pages using common Internet browsers, attaching documents to e-mails, and participating in online discussion groups and other social media. Similarly, it is expected that students will have a home computer that has Internet access, preferable high-speed (broadband) Internet access. Potential students should consult with a department administrative assistant for more specific details. All students enrolled the Fellowship must have ready access to a computer system compliant with RHCHP systems requirements and configuration for the online learning management system.

## ADVISING

The Program Director serves as the academic advisor to each Fellow-in-Training. The Program Director counsels students on meeting requirements for the program and provides guidance and support for progression through the program. Conflicts with the Program Director must be presented in writing to the Assistant Dean or Dean of the School of Physical Therapy.

## ACADEMIC INFORMATION

The Fellowship programs consist of online and weekend-based courses in an accelerated eight-week model and ongoing online mentoring that is continuous with the program. Fellowship students are held to the same academic progression and standing requirements as the professional entry Doctor of Physical Therapy student.

For additional policies related to Academic Progression, Academic Withdrawal, and Academic Standing and Penalty, students should refer to the professional entry Doctor of Physical Therapy section of this *Catalog*.

## COURSE OVERLOAD

Because students in the Fellowship program are expected to be practicing as a physical therapist while in the program, students will typically not take more than two courses per eight-week session.

## FELLOWSHIP REQUIREMENTS

<b>Orthopaedic Manual Physical Therapy Fellowship</b>	<b>18 SH</b>
DPT 741T--Management of Lumbosacral Disorders	3 SH
DPT 742T--Management of Cervical and Thoracic Disorders	3 SH
DPT 745T--Management of Lower Extremity Disorders	3 SH
DPT 746T--Management of Upper Extremity Disorders	3 SH
DPT 784T--Virtual Rounds I	1 SH
DPT 785T--Virtual Rounds II	1 SH
DPT 786T--Virtual Rounds III	1 SH
DPT 790T--Clinical Fellowship Practicum	3 SH



## **RUECKERT-HARTMAN COLLEGE FOR HEALTH PROFESSIONS COURSE DESCRIPTIONS**

### **UNDERGRADUATE**

#### **HEALTH CARE ETHICS (HCE)**

HCE 430. APPLIED ETHICS IN HEALTH CARE (3). Examines ethical dilemmas in health care and the decision making processes involved in clinical, professional and organizational ethics. Explores philosophical and faith-based foundations including Catholic moral tradition, socio-cultural influences, professional codes, organizational and personal ethical norms. Case studies and topics are analyzed to develop competence in moral reflection and ethical decision making with consideration of personal, professional and societal values.

HCE 435. ETHICS IN HEALTH CARE SERVICES (3). Examines the practical application of ethical principles, theories and methods to ethical dilemmas in health care with a particular emphasis on professional and organizational ethics. Formal ethical analysis of case studies and topics is used to explore clinical, organizational and health policy issues, enhance ethical reflection and dialogue, support decision-making, and encourage moral leadership.

HCE 445. ETHICS AND HEALTH (3). Examines ethical issues in the promotion of human health. Topics include bioethical issues across the lifespan as well as contemporary challenges related to community health, health policy, health research, emerging technologies and global health.

#### **HEALTH CARE ADMINISTRATION (HCA)**

HCA 402A. THE EVOLVING HEALTH CARE SYSTEM I (3). Examines the structure and function of the US health care system, with an emphasis on the current trends, forces and innovations that shape health and health care delivery now and into the future.

HCA 402B. THE EVOLVING HEALTH CARE SYSTEM II (3). Examines the structure and function of the US health care system, with an emphasis on the current trends, forces and innovations that shape health and health care delivery now and into the future.

HCA 408. THE POLITICS OF HEALTH (3). The philosopher George Santayana stated that "those who cannot remember the past are condemned to repeat it." Students will take a journey from the origins of our modern health care delivery system to contemporary policy challenges. Prerequisite(s): Permission of instructor. Cross listing: HSA 608 .

HCA 413. FUNDAMENTALS OF MANAGED CARE (3). Introduces the history, philosophy, business principles and current structure of the managed care industry. Explores concepts of capitation, managed care contracting, case management and utilization patterns. Examines issues related to regulatory requirements and national health policy. The graduate component

extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HSA 613.

HCA 420. MARKETING AND PUBLIC RELATIONS IN HEALTH CARE SETTINGS (3). Explores the unique nature and role of marketing in the health care industry. Introduces marketing principles and techniques as applied in health care settings including environmental scanning, market research and marketing strategy. Discusses media, public relations and advertising strategies. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HSA 620.

HCA 423. FOUNDATIONS OF HEALTH LAW (3). Examines legal and ethical issues involved in the assessment, management, and delivery of health care services, with emphasis on negligence, contract, consents, confidentiality/privacy, risk management, corporate compliance, peer review, and medical/legal issues related to health records. Cross listing HSA 623.

HCA 425. ASSESSMENT OF QUALITY CARE AND PATIENT SAFETY (3). Reviews the history and theory of quality management in health care settings with emphasis on patient safety, patient satisfaction, patient engagement, the patient/client experience, and regulatory requirements in diverse settings. Explores performance improvement principles, methodologies and tools.

HCA 428. HEALTH CARE ECONOMICS (3). Provides an understanding of the elements necessary to apply basic microeconomic principles to the health care field. Emphasizes economic tools of particular relevance to health care, and to what degree the concepts are appropriate to deal with problems in this field. Demonstrates that economic analysis can provide pertinent and systematic insights into the workings of the health care system and the evaluation of health care policy. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HSA 628.

HCA 430. MEDICAL PRACTICE MANAGEMENT (3). Explores issues in practice management in the ambulatory setting including settings staffed by advanced practice medical personnel. Topics include the organizational structure and management of a practice, coding, billing, and reimbursement procedures, marketing, contracting, budgeting and staffing as related to practice management. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HSA 630.

HCA 432A. LEADING EFFECTIVE ORGANIZATIONS I (3). Explores concepts and theories in leadership and management as they are applied in healthcare settings. Examines leadership versus management skills, team development, systems theory, strategic planning, organizational culture and the role of leadership in the organization.

HCA 432B. LEADING EFFECTIVE ORGANIZATIONS II (3). Explores concepts and theories in leadership and management as they are applied in healthcare settings. Examines leadership versus management skills, team development, systems theory, strategic planning, organizational culture and the role of leadership in the organization.

**HCA 440. HEALTH COACHING (3).** Explores practical information on providing health coaching services for individuals or groups wanting to improve their health. Incorporates behavioral change theories, adult learning theories, motivational interviewing and program evaluation.

**HCA 452. HUMAN RESOURCE MANAGEMENT IN HEALTH CARE SETTINGS (3).** Provides an understanding of the principles of human resource management in the health care environment. Emphasizes management techniques such as interviewing, training, career development, job analysis and design, performance evaluation, compensation and benefits, and employment law. Addresses trends in human resource management in health care. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HSA 652.

**HCA 458. PROJECT MANAGEMENT IN THE HEALTH CARE SECTOR (3).** Introduces principles of project management and the project management body of knowledge including project management software, task assignments, workflow analysis, and project planning as applied in the health care industry. Explores process reengineering with a health care focus. Prerequisite(s): Junior standing. Cross listing: HSA 658.

**HCA 466. MANAGING HEALTH SERVICES REIMBURSEMENT (3).** Examines health care reimbursement models, revenue cycle management, payor contracts, and issues related to billing compliance. Managed care and emerging payment methodologies are explored in relation to revenue cycle management.

**HCA 475. COMMUNICATION IN HEALTH CARE SETTINGS (3).** Enhances communication skills needed in business and professional contexts. Focuses on developing a working knowledge of theory and skills for written communication, interpersonal communication, meetings and presentations. Effective communication skills for dealing with physicians, patients, families, as well as other internal and external parties will receive special attention. Students will gain a working knowledge of critical thinking and problem resolution skills. Cross listing: HSA 675.

**HCA 480. APPLIED CAPSTONE IN HEALTH CARE ADMINISTRATION (3).** A comprehensive course integrating prior coursework, knowledge and skills into a live Capstone project for an organization. Career development and management are emphasized along with social justice, the patient/client experience, and interprofessional practice. Prerequisite(s): All prior Health Care Administration coursework or permission of instructor.

**HCA 485. ADMINISTRATIVE INTERNSHIP (3-6).** Provides the student an opportunity to observe and participate in management activities in a health care setting. Emphasizes ability to complete assigned projects, gain an overview of the facility, and participate in a wide variety of functions including budgeting, human resource management, project management and quality improvement activities. Prerequisite(s): Majors only. NOTE: Course is a minimum of 3 credit hours, but can be increased up to 6 credit hours with advisor approval.

**HCA 490E-W. INDEPENDENT STUDY IN HEALTH CARE ADMINISTRATION (1-3).** Offers an opportunity for a focused course of study within a specific practice area of health care administration under the direction of an assigned instructor. Employs a variety of learning activities, as specified in the learning

contract, to extend core knowledge and skills in a specific practice area. Enhances research and written presentation skills through development of a comprehensive topic portfolio. Prerequisite(s): All lower level Health Care Administration courses. Majors and minors only. Approval of department director required.

## HEALTH AND EXERCISE SCIENCE COURSE DESCRIPTIONS (HES)

**HES 210. INTRODUCTION TO HEALTH & EXERCISE SCIENCE (3).** Examines models of health and explores social, economic, cultural, political, and environmental factors that impact health. Introduces principles of exercise across the lifespan from a biomechanical, motor behavior, physiological, nutritional and psychological perspective.

**HES 311. RESEARCH DESIGN & STATISTICS (3).** Introduces research theory, concepts, inferential and descriptive statistical analysis, and study design. Analyzes relevant literature and applies qualitative and quantitative design, methodology, and interpretation.

**HES 374. APPLIED HUMAN ANATOMY (3).** Examines the relationships of the musculoskeletal, nervous, integumentary, cardiac, pulmonary, gastrointestinal, renal and reproductive systems of the human body. Integrates cellular and structural factors with clinical application at regional and systemic levels. Co-requisites: HES 375. Prerequisite(s): BL 260 and BL 261.

**HES 375. APPLIED HUMAN ANATOMY LAB (1).** Demonstrates specific regional and systemic relationships of the human body systems as they relate to a clinical model. Incorporates the use of human cadaveric preparations and models. Co-requisites: HES 374.

**HES 376. APPLIED HUMAN PHYSIOLOGY (3).** Examines metabolic, neuromusculoskeletal, cardiac, respiratory, renal, digestive, endocrine, and reproductive systems, including membrane function, electrical activity of cells, neurophysiology, muscle physiology, blood and immune responses, and cellular endocrinology. Includes applicable cellular chemical concepts. Co-requisites: HES 377. Prerequisite(s): BL 260 and BL 261.

**HES 377. APPLIED HUMAN PHYSIOLOGY LAB (1).** Integrates current physiological tests of the human body systems designed to interpret normal and abnormal physiological values in the clinical model. Co-requisites: HES 376.

**HES 418. PSYCHOSOCIAL ASPECTS OF HEALTH (3).** Examines the influence of psychological and social variables on health and activity participation. Focuses on stress management, motivation, adherence, access, barriers, and support systems across the lifespan. Prerequisite(s): HES 210 and PY 250. NOTE: Permission of instructors required for all non-majors.

**HES 420. FUNCTIONAL ANATOMY (3).** Examines anatomical concepts of the musculoskeletal and nervous systems that form the basis of analysis of human movement. Analyzes joint movement, complex muscular activity, and integration of the nervous system. Co-requisites: HES 421. Prerequisite(s): HES 210, HES 374 and HES 375. NOTE: Permission of instructors required for all non-majors.

HES 421. FUNCTIONAL ANATOMY LAB (1). Applies functional anatomy concepts to human movement. Examines anatomical relationships through cadaver prosection, models, and other modalities. Co-requisites: HES 420. NOTE: Permission of instructors required for all non-majors.

HES 430. PHYSIOLOGY OF EXERCISE (3). Explores concepts of nutrition and energy production/expenditure during exercise. Examines adaptations of the pulmonary, cardiovascular, skeletal muscle, nervous, urinary, gastrointestinal, and endocrine systems to the stresses of exercise across the lifespan. Co-requisites: HES 431. Prerequisite(s): HES 210, HES 374, HES 375, HES 376 and HES 377 NOTE: Permission of instructors required for all non-majors.

HES 431. PHYSIOLOGY OF EXERCISE LAB (1). Applies exercise physiology principles and methods to analysis of human movement. Examines theoretical concepts during performances assessment of various physiological systems. Co-requisites: HES 430. NOTE: Permission of instructors required for all non-majors.

HES 434. EXERCISE PRESCRIPTION (3). Explores evidence based concepts for the design of exercise programs with special consideration for the normal aging process. Places emphasis on current professional guidelines for exercise prescription. Includes service learning. Co-requisites: HES 435. Prerequisite(s): HES 210, HES 376, HES 375, HES 430, and HES 431. NOTE: Permission of instructors required for all non-majors.

HES 435. EXERCISE PRESCRIPTION LAB (1). Applies practical and theoretical concepts of exercise prescription across the lifespan with practice exercise prescription and progression of exercise programs for specific cases using current best evidence. Co-requisites: HES 434. NOTE: Permission of instructors required for all non-majors.

HES 438. NUTRITION ACROSS THE LIFESPAN (3). Investigates sources and functions of nutrients in all stages of the life cycle. Emphasizes topics of dietary guidelines and nutritional assessment when considering eating disorders, weight loss, sports nutrition, food safety, and the diet-disease relationship. Prerequisite(s): HES 210, HES 376, HES 375, HES 430, HES 431 and NR 350. NOTE: Permission of instructors required for all non-majors.

HES 439. POPULATION-BASED EXERCISE PROGRAMS (3). Explores exercise program development and implementation to address goals of improved health, fitness and weight management in community, corporate and other fitness settings. Examines strategies for exercise promotion, education, and supervision. Prerequisite(s): HES 210, HES 434 and HES 435 NOTE: Permission of instructors required for all non-majors.

HES 440. CONCEPTS OF MOTOR BEHAVIOR (3). Examines principles of human motor control, learning, and development. Explores learner and environmental factors influencing motor performance and long-term retention of motor skills. Includes application of theoretical principles and research findings to practical settings. Co-requisites: HES 441. Prerequisite(s): HES 210, PY 250, HES 375, HES 374, 375. NOTE: Permission of instructors required for all non-majors.

HES 441. CONCEPTS OF MOTOR BEHAVIOR LAB (1). Introduces motor behavior experimental methods for quantitative and qualitative analysis of human movement, learning and control during static and dynamic activities. Integrates theoretical concepts with practical applications. Co-requisites: HES 440. NOTE: Permission of instructors required for all non-majors.

HES 450. BIOMECHANICS OF EXERCISE (3). Evaluates internal and external forces acting on the human body. Performs quantitative and qualitative evaluations with the associated kinematic and kinetic variables to describe body movements. Co-requisites: HES 451. Prerequisite(s): PH 202A, PH 205A, HES 210, HES 311, HES 374 and HES 375. NOTE: Permission of instructors required for all non-majors.

HES 451. BIOMECHANICS OF EXERCISE LAB (1). Applies biomechanical measurement methods using quantitative and qualitative analysis of kinematics and kinetics of human movement during static and dynamic activities. Includes the development and completion of a research project incorporating biomechanical principles. Co-requisites: HES 450. NOTE: Permission of instructors required for all non-majors.

HES 460. COMMUNITY HEALTH ASSESSMENT (3). Examines strategies to assess community health and considers community-identified assets and needs. Illustrates factors that impact the community's health to facilitate a comprehensive understanding of health equity within the defined community. Prerequisite(s): HES 210, HES 311, HES 430 and HES 431 NOTE: Permission of instructors required for all non-majors.

HES 465. MANAGEMENT IN HEALTH SETTINGS (3). Applies and evaluates business management principles within a moral and ethical framework. Explores marketing, operations management, human resources, risk management and finance related to health and fitness environments. Prerequisite(s): HES 210, and HCE 445 NOTE: Permission of instructors required for all non-majors.

HES 470. PERSPECTIVES ON GLOBAL HEALTH (3). Explores social inequalities in health, healthcare delivery, and access to health care organizations from local, national and international perspectives. Examines the inter relationship of health and health policy. Prerequisite(s): HES 210. NOTE: Permission of instructors required for all non-majors.

HES 472. SOCIETY & CULTURE IN HEALTH (3). Explores the relationship of society and culture to health. Describes historical and current influences on health and establishes context to identify the meaning of health and disease in diverse communities. Prerequisite(s): HES 210 and HES 418, NOTE: Permission of instructors required for all non-majors.

HES 490E-W INDEPENDENT STUDY IN HEALTH AND EXERCISE SCIENCE (1-3). Offers an opportunity for independent advanced study in one of the specific Health and Exercise Science disciplines. NOTE: Approval of Program Director required. Majors only.

HES 498E-W, INTERNSHIP IN HEALTH AND EXERCISE SCIENCE (1-3). Involves placement in a clinical or research facility to experience the application of concepts of Health and Exercise Science. NOTE: Approval of Director of Experiential Education and Program Director required. Majors only.

## INTERPROFESSIONAL HEALTH CARE ETHICS (IHCE)

**IHCE 430R. FOUNDATIONS OF PROFESSIONAL CHARACTER AND ETHICAL PRACTICE (3).** Offers students the opportunity to deeply examine the foundations of professional character and ethical practice in an interprofessional delivery format. **NOTE:** Course to be completed by Nursing students.

## NURSING (NR)

All "NR" courses are for nursing majors only.

Nursing courses designated with an "H" are for the Traditional program honors students only.

**NR 350. NORMAL AND THERAPEUTIC NUTRITION (3).** Students study the science of nutrition. The course presents the nutritional requirements of humans as the basis of planning an adequate diet with consideration given to variation in food choices due to social, economic, cultural and psychological factors. The course emphasizes the integration of nutritional needs in the care of self and others throughout the life cycle in health and disease.

**NR 401. NURSING HONORS SEMINAR I (1).** The first course in the Honor's Curriculum. The focus of this course is the exploration of various nursing issues to assist the student in identifying potential topics of individual interest. Students will explore topics from a variety of academic perspectives. Potential faculty and community mentors will be introduced. The use of scientific inquiry and basic exploration of nursing research will be emphasized as tools that will be used throughout the Honor's Curriculum. The concept of reflective practice will be introduced. **Prerequisite(s):** Acceptance into the honors program.

**NR 402. NURSING HONORS SEMINAR II (1).** The second course in the Honor's Curriculum. The focus of this course is the identification of nursing issues of individual interest. The development of a research or clinical project will be explored. Students will develop topics from a variety of academic perspectives including: reflective and evidence-based practice, argumentation and critical thinking. Potential faculty and community mentors will be identified. **Prerequisite(s):** NR 401.

**NR 403. NURSING HONORS SEMINAR III (1).** The third seminar in the Honor's curriculum. The focus of this seminar is the completion of a research or clinical project. Students will develop and implement projects under the direction of faculty and community mentors. A written report of the completed project will be submitted. **Prerequisite(s):** NR 402.

**NR 404. NURSING HONORS SEMINAR IV (0).** A continuation of Nursing Honors Seminar III. The focus of this segment is the completion of the final honors project--an oral presentation of synthesis and reflection about the impact of the Nursing honors Program on the student's Development presented to mentors and peers. The clinical project is completed and a written report submitted. **Prerequisite(s):** NR 403.

**NR 405A. PATHOPHYSIOLOGY I (2).** Theoretical course designed to promote the understanding of altered physiological processes. General concepts of disease including etiology, pathogenesis, and clinical significance are explored from the genetic, molecular, cellular, organ, and systems levels. An early introduction to the principles of clinical reasoning explores major concepts in a systems-oriented approach to: cellular receptors, genetic influences, inflammation and immune responses, differences in acute and chronic disease, and diagnostics across the lifespan.

**NR 405B. PATHOPHYSIOLOGY II (1).** Continued examination of altered physiological processes. General concepts of disease including etiology, pathogenesis, and clinical significance are explored from the genetic, molecular, cellular, organ, and systems levels. An early introduction to the principles of clinical reasoning explores major concepts in a systems-oriented approach to: cellular receptors, genetic influences, inflammation and immune responses, differences in acute and chronic disease, and diagnostics across the lifespan. **Prerequisite(s):** NR 405A.

**NR 406A. PHARMACOLOGY I (2).** Provides an introduction to foundational principles of pharmacodynamics and pharmacokinetics. In addition, pharmacologic therapy for both health promotion and disease management across the lifespan will be discussed. Major drug classes are paired with body systems, with an emphasis on the mechanism of action, indications, contraindications, adverse effects and patient-centered nursing considerations to include education and safety measures based on environmental socio-cultural, spiritual, and economic issues.

**NR 406B. PHARMACOLOGY II (1).** Continuation of the principles of pharmacodynamics and pharmacokinetics for selected drug classes. In addition, drug therapy actions and interactions related to therapeutic and undesirable effects are discussed in relation to health promotion and disease management across the lifespan. Major drug classes are paired with body systems while considering the appropriate patient-centered nursing considerations to include education and safety measures based on environmental socio-cultural, spiritual, and economic issues. **Prerequisite(s):** NR 406A.

**NR 410. INTRODUCTION TO THE PROFESSION OF NURSING (4).** A classroom, virtual and clinical course that socializes BSN students from the cornerstone of liberal arts education to nursing education at Regis University. Explores the professional nursing roles and values as foundational to the practice of nursing. Introduces the student to the basics of patient care skills across the lifespan, with a focus on geriatrics. Introduces service learning focusing on the older adult, identifying potential social justice issues in this population. The unique role of the baccalaureate prepared nurse is examined within the context of the nursing profession. Students will also explore the ANA nursing scope and practice standards. Pre-nursing majors with sophomore standing or Nursing majors.

**NR 411. FOUNDATIONS OF CLINICAL TEACHING (3).** This course explores and analyzes the knowledge, skills, and values necessary for effective clinical nursing instruction. Students review educational theories, methodologies, and techniques essential for transition from clinical expert to clinical faculty.

**NR 414. HEALTH ASSESSMENT ACROSS THE LIFESPAN (4).** This classroom and laboratory course introduces a holistic

approach to the assessment of individuals across the lifespan. Includes evaluation of physiological, developmental, psychosocial, spiritual, age related, socio-economic, and socio-cultural components. Students learn to use beginning history taking and physical assessment skills to collect and document data systematically. Provides students the opportunity to practice assessments and related nursing skills while respecting patient and family preferences to provide safe person-centered and compassionate care. Prerequisite(s): NR 410.

**NR 420/NR 420H. EVIDENCE-BASED PRACTICE IN NURSING AND HEALTH CARE INFORMATICS (3).** Presents two essential elements for best practice in nursing. Evidence-based practice integrates current scientific evidence with clinical expertise and patient/family preferences for delivery of optimal health care. Develops related knowledge, skills, and attitudes by forming journal clubs to critique published nursing studies and create best-practice presentations for compelling clinical questions associated with nurse-sensitive outcomes. Health care informatics applies information and technology to communicate, manage knowledge, mitigate error, and support clinical decision making. Prerequisite(s): NR 410 and NR 462.

**NR 421. CLINICAL REASONING: INTEGRATION OF THEORY AND PRACTICE (2).** Involves complex problem-based learning using multiple clinical practice disciplines across the life span. Concepts will be integrated from pathophysiology, pharmacology, health assessment, nursing process, and psycho-social, spiritual, and cultural dimensions to enhance clinical reasoning within legal and ethical parameters. Selected clinical situations will be analyzed based on evidence and complex multi-system involvement, with emphasis on clinical reasoning to establish priorities for nursing care. Nursing majors only. Prerequisite(s): NR 463.

**NR 422. CLINICAL LEADERSHIP IN PROFESSIONAL NURSING (3).** Explores multiple leadership theories and the process of applying individual leadership roles, skills, and decision-making in the provision of nursing care. Includes healthcare team coordination, and the oversight and accountability for care delivery in a variety of settings. Develops the individual as a positive clinical leader and empowers the nurse to make decisions. It also enables the nurse to identify creative, values-centered options for delivering safe, high quality nursing care in diverse practice settings. Students will utilize effective inter- and intra-professional communication and collaborative techniques. These include negotiation and conflict resolution in a culturally dynamic health care environment. As part of this course the student will complete a leadership project associated with a local facility. Prerequisite(s) or Co-requisite(s): NR 464.

**NR 423. HEALTH ASSESSMENT AND HEALTH PROMOTION OF THE AGING POPULATION (3).** Focuses on the special needs of older adults across the health care continuum. Builds a foundation of understanding of normal changes in aging in conjunction with the benefits of health promotion. The health care needs of the aging population are explored emphasizing development of the therapeutic relationship, data collection, levels of prevention, barriers to health promotion, communication, ageism and myths of aging along with cultural sensitivity. Field work to include 1:1 contact with the older adult population. NOTE: Required for certificate in gerontology nursing. Can be taken as an undergraduate elective.

**NR 424. PATHOPHYSIOLOGY AND PHARMACOLOGY OF THE AGING POPULATION (3).** Builds on basic understanding of Pathophysiology and Pharmacology to explore the special needs of the aging population. Emphasis is placed on acute and chronic disease management, cognitive decline, psychological disorders, and pharmacokinetic and pharmacodynamic changes of aging. Field work to include 1:1 contact with the older adult population. NOTE: Required for certificate in gerontology nursing. Can be taken as an undergraduate elective.

**NR 425. MANAGEMENT OF THE CARE ENVIRONMENT OF THE AGING POPULATION (3).** Focuses on the programs and services currently available for the elderly as well as the developing services focusing on the aging population inclusive of baby boomers. Emphasis is placed on the management role across the aging population continuum of care. Field work to include 1:1 contact with the older adult population. NOTE: Required for certificate in gerontology nursing. Can be taken as an undergraduate elective.

**NR 429. ORGANIZATIONAL AND HEALTH POLICY ISSUES OF THE AGING POPULATION (3).** Focuses on advocacy for older adults across the health care continuum. Students have the opportunity to explore national, state and local policies related to the aging population. National organizations and federal, state, and local regulatory bodies are explored related to understanding health policy issues and regulatory compliance. NOTE: Required for certificate in gerontology nursing. Can be taken as an undergraduate elective.

**NR 444R. PROFESSIONAL ROLE DEVELOPMENT (3).** Examines contemporary professional nursing roles and issues, standards of practice, Jesuit mission, service learning, personal and professional values, and academic tools that foster success in the nursing program. Prerequisite(s): Acceptance into Nursing Program. NOTE: RN-BSN and RN to MS Nursing Program students only.

**NR 448R. UPDATES IN ILLNESS AND DISEASE MANAGEMENT (3).** Focuses on updates in genomics and genetics, pain management, the stress response, immune disorders, mental disorders, rehabilitative, and end-of-life care. Examines acute and chronic disease pathophysiology, evidence-based disease management, and nursing care of selected disorders. Prerequisite(s): NR 444R and NR 460R. NOTE: RN-BSN and RN to MS Nursing Program students only.

**NR 451. INTRODUCTORY NURSING PRACTICUM/ EXTERNSHIP (3).** Under the preceptorship of a registered nurse, Introductory Nursing Practicum students provide direct patient care in selected specialty areas. Enhances competency and critical decision-making in the reality of the practice setting. Emphasizes skills and procedures, organization and priority setting, written and oral communication, and the nurse's role including investigation, teaching and discharge planning. Prerequisite(s): NR 405B, NR 406B, and NR 463.

**NR 452R. CONTEMPORARY TOPICS IN HEALTH CARE (3).** Explores professional nursing role within contemporary health care topics areas, including informatics, human diversity and cultural competence, gerontology, vulnerable populations, violence, social justice, and global health. Students engage in service learning and reflection. Prerequisite(s): NR 444R and NR 460R. NOTE: RN-BSN and RN to MS Nursing Program students only.

**NR 455/NR 455H. HEALTH PROMOTION, DISEASE PREVENTION, AND HEALTH POLICY (3).** Focuses on health promotion and disease prevention in nursing practice within the context of the US Health Care System, global health perspectives, and policy. Health care policy and delivery structures, functions and finance as determinants of health and illness are addressed. Health promotion across the lifespan and approaches for promoting health are examined including key health promotion models, health behavior theory, and social determinants of health. Specific interventions including health education, health counseling, and evidence based wellness strategies are analyzed. Prerequisite(s): NR 462.

**NR 455R. HEALTH PROMOTION CONCEPTS (3).** Focuses on health promotion and disease prevention in nursing practice. Explores health promotion models, behavior change theories, societal and environmental impacts on health, and program planning models. Analyzes health education, counseling, and evidence-based wellness strategies. Prerequisite(s): NR 444 and NR 460R. NOTE: RN-BSN and RN to MS Nursing Program students only.

**NR 460R. EVIDENCE-BASED PRACTICE IN NURSING (3).** Focuses on the role of nurse as informed consumer of research. Develops skills for evidence-based practice by forming journal clubs to understand aspects of nursing research, critique published nursing studies, and develop best-practice presentations. Prerequisite(s): NR 444R. NOTE: RN-BSN and RN to MS Nursing Program students only. NOTE: Recommended prerequisite: MT 274 or equivalent.

**NR 462. INTRODUCTION TO MANAGING HEALTH CARE OF THE ADULT AND OLDER ADULT (4).** This beginning theoretical, laboratory, and clinical course focuses on the art and science of nursing and the roles of the nurse as care provider/care designer/manager, and coordinator in relation to the complex health needs of residents with multiple co-morbidities in long term care. Explores components of nursing process in relation to human responses to alterations in health. Content focuses on pathophysiology/pharmacology, medical management, evidence-based practice models, and the application of nursing process in the provision of care for adult and older adult patients. Clinical experiences are designed to focus on the beginning application of nursing therapeutics, including selected technical skills, nursing process, development of organizational skills, priority setting, health care management, and clinical reasoning in the assimilation of the professional nurse role. Pre-require: NR 410. Pre-requisite(s) or Co-requisite(s): NR 405A, NR 406A and NR 414. NOTE: \$200.00 Fee required.

**NR 463. COMPREHENSIVE HEALTH CARE MANAGEMENT OF THE ADULT AND OLDER ADULT I (5).** This theoretical, laboratory, and clinical course focuses on the art and science of nursing and the roles of the nurse as care designer and manager. Explores components of nursing process and health promotion in relation to human responses to alterations in health. Content focuses on the continued assimilation of the professional nursing role in clinical practice through classroom and clinical experiences designed to develop organizational skills, priority setting, comprehensive health care management, and clinical reasoning skills. Nursing majors only. Prerequisite(s): NR 414, NR 462. Pre-requisite(s) or Co-requisite(s): NR 405A, and NR 406A.

**NR 464. COMPLEX HEALTH CARE MANAGEMENT OF THE ADULT AND OLDER ADULT II (5).** This theoretical and clinical course integrates the role of the nurse as coordinator of care in relation to human responses to alteration in health. Focus is on the role of the nurse as a leader and collaborator in the interprofessional implementation of care management using evidence-based practice models. Application of nursing process includes the provision of care for adult and older adult patients within the context of their families and environments. The focus of clinical practice is the continuing development of organizational skills, priority setting, clinical reasoning, complex health care management, and problem solving as the student assimilates the role of the professional baccalaureate nurse generalist. Pre-requisite(s): NR 405B, NR 406B and NR 463. NOTE: \$200.00 Fee required.

**NR 465. MATERNAL NEWBORN NURSING (4).** This theory and clinical course addresses the needs and care of the childbearing family as they progress through the experiences of pregnancy, childbirth, and becoming a family. Through the lens of the nursing process, the student applies current evidence-based principles related to physiological, psychosocial, ethical, and spiritual care when planning and performing nursing care for childbearing families. Utilizes classroom, virtual, and focused clinical experiences to addresses family centered nursing care during the antepartal, intrapartal, postpartal, and neonatal periods. The interrelationship between theory, practice, and research provides a foundation for this course. Prerequisite(s): NR 414 and NR 462. Pre-requisite(s) or Co-requisite(s): NR 405A, NR 406A.

**NR 466R. COMMUNITY HEALTH NURSING (3).** Provides overview on population-based nursing. Explores principles relevant to community health nursing including public health, epidemiology, and environmental health. Addresses impact of health care policies on social justice and health care disparities. Prerequisite(s): NR 444R, NR 452R and NR 455R. RN-BSN and RN to MS Nursing Program students only.

**NR 470. NURSING CARE OF CHILDREN AND FAMILIES (4).** This theoretical and clinical course focuses on the art and science of providing ethical, evidence-based nursing care to children and their families within a quality and safety framework. Utilizing current patient care technologies and practice guidelines, the course emphasizes the understanding of pathophysiology unique to the pediatric population in the provision of quality nursing care. For each developmental level, the course content holistically addresses relevant anticipatory guidance, health promotion, and developmentally appropriate communication strategies. In addition, the course examines health care policy, finance, and regulatory environments affecting today's children and families. The relationship among theory, practice, and research provides a foundation for the course. Prerequisite(s): NR 463. Pre-requisite(s) or Co-requisite(s): NR 405B and NR 406B.

**NR 472/NR 472H. COMMUNITY AND POPULATION FOCUSED NURSING (4).** This theoretical and clinical course provides an in-depth examination of population and community health concepts. Students analyze roles of nurses in community and population-based nursing focused at individual, family, community and systems levels of practice. Emphasis is on the promotion of healthy communities using the nursing process, epidemiological, ethical, environmental, and public health principles. Through clinical experiences in community-based

settings, students are engaged in community assessments, program planning/management, health teaching, and provision of evidence-based nursing practice to address the health needs of identified populations including vulnerable populations. Prerequisite(s): NR 405B, NR 406B, and NR 463.

**NR 473. MENTAL HEALTH NURSING (4).** This theoretical and clinical course addresses the principles and techniques of therapeutic communication as it applies to working with patients who present with symptoms of mental health disorders in acute care and community settings. Contemporary issues in the field of mental health nursing are explored within a psychosocial, cultural, spiritual, economic, legal, and ethical environment. The role of the nurse is based on standards of practice and focuses on health promotion, disease prevention, and management for patients with mental health issues across the life span. Students apply theoretical concepts in clinical settings while working with individuals, families, communities, groups, and underserved populations with varying levels of complexity. The interrelationship among theory, practice, and research provides a foundation for the course. Prerequisite(s): NR 462

**NR 478R. COMMUNITY HEALTH NURSING PRACTICUM (3).** Fosters integration of community health theory into clinical practice while students complete 45 hours of practicum in community settings. Examines emergency preparedness, community and family assessment, health promotion, and program evaluation. Prerequisite(s): NR 466R (may be taken concurrently). NOTE: RN-BSN and RN to MS Nursing Program students only. Student must be compliant with [RHcomply@regis.edu](mailto:RHcomply@regis.edu) to register for this course. Permission of Clinical Placement Advisor required.

**NR 480R. THE NURSE LEADER-MANAGER (3).** Expands knowledge of leadership and management principles applied to health care, the changing health care system, health outcomes, professional issues, political action, and career development. Explores ethical, legal, and policy issues related to nursing practice. Prerequisite(s): NR 444R and NR 460R. NOTE: RN-BSN Program students only.

**NR 483. CLINICAL CAPSTONE: PROFESSIONAL NURSING PRACTICUM (5).** This culminating professional course promotes readiness for practice and prepares the accelerated or senior nursing student to make a smooth transition into the role of the professional registered nurse. The framework for this course is drawn from the American Nurses Association (ANA) Standards of Nursing Practice and the roles of the BSN nurse delineated in the American Association of Colleges of Nursing (AACN) Essentials of Baccalaureate Education for Professional Nursing Practice. Students apply nursing and leadership theories as a direct care provider for groups of diverse patients during an extensive clinical practicum experience. Theoretical and reflective content builds upon prerequisite nursing knowledge. Prerequisite(s): NR 464.

**NR 485R. LEADERSHIP IN NURSING CAPSTONE (3).** This leadership course is designed to provide the student an opportunity to integrate leadership and management principles into professional practice and reflect on RN-BSN completion program learning. Students engage in faculty directed assignments and projects as indirect practice activities to achieve course and

program outcomes. Prerequisite(s): NR 444R and NR 480R or NR 600 (may be taken concurrently).

**NR 488E-W. TOPICS IN CLINICAL NURSING PRACTICE (1-8).** Clinical elective courses focusing on specific areas of nursing practice. Content varies according to student need and availability of faculty resources. Prerequisite(s): Nursing majors only. Permission of appropriate department director required.

**NR 490E-W. INDEPENDENT STUDY IN NURSING (1-6).** Topics by arrangement with individual faculty. Prerequisite(s): Nursing majors only. Permission of appropriate department director required.

**NR 495. CULTURAL DIVERSITY IN HEALTH CARE (3).** Explores the components of cultural competence in health care. Issues related to cultural diversity in health and illness are discussed and analyzed. Upper division undergraduate or graduate credit may be awarded based on course assignments, evaluation methods and faculty approval. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Prerequisite(s): Majors only. Senior standing or equivalent. Cross listing: NR 695.

## GRADUATE

### HEALTH CARE ETHICS (HCE)

**HCE 600. ORGANIZATIONAL ETHICS AND HEALTH CARE COMPLIANCE (3).** Addresses advanced concepts in organizational ethics and health care compliance including the dynamics of personal and professional values in relation to organizational behavior, and the integration of mission, organizational ethics and corporate regulatory compliance. Explores contemporary ethical issues in organizational ethics and health care compliance through applied case presentation, theory-based ethical analysis and ethical decision making in both individual and group contexts.

**HCE 604. ETHICS FOR NURSE LEADERS (3).** Examines ethical and moral reasoning relevant to professional nursing practice and health care delivery in today's society. Explores philosophical and faith-based foundations, including Catholic moral tradition, socio-cultural influences, professional codes, organizational and personal ethical norms. Ethical issues are examined with emphasis on advanced practice nursing, leadership roles and models of health care delivery. Introduces skills in analyzing ethical dilemmas and evaluating ethical practice using ethical theory, moral argument, and case studies.

**HCE 709. HEALTH CARE ETHICS FOR PHYSICAL THERAPISTS (3).** Examines ethical and moral reasoning processes in health care. Philosophical and faith-based foundations, including Catholic moral tradition, socio-cultural influences, professional codes, organizational and personal ethical norms are explored. Ethical issues are examined with emphasis on leadership and the practice of physical therapy. Students will analyze ethical dilemmas and evaluate ethical practice using ethical theory, moral argument, and case studies.

**HCE 742. ETHICS AND ADVOCACY IN PHARMACY (3).** Examines ethical and moral reasoning in health care. Emphasizes



pharmacy practice and leadership. Explores philosophical, faith-based foundations including Catholic moral tradition, socio-cultural influences, professional codes, organizational and personal ethical norms. Analyzes ethical dilemmas/practices using ethical theory, moral argument, cases studies. Note: Majors only.

## HEALTH SERVICES ADMINISTRATION (HSA)

**HSA 601. LEADERSHIP AND ORGANIZATION DEVELOPMENT IN HEALTH CARE SETTINGS (3).** Explores individual leadership qualities and organizational dynamics with emphasis on various elements of organization development including communication, culture, values, process redesigns, re-engineering, knowledge management and methods of assessing and diagnosing organizational effectiveness. Examines current leadership and organization theories and approaches used in dealing with organizational problem solving and assessment.

**HSA 602. STRATEGIC PLANNING AND DEVELOPMENT IN HEALTH SERVICES (3).** Addresses the business planning process emphasizing strategic planning, business plan development and evaluation, advanced project management, and marketing research and strategy. Focuses on financial analysis, market projection, risk assessment, and implementation planning principles as applied to new or expanded services and/or other business opportunities.

**HSA 604. FOUNDATIONS OF HEALTH CARE ECONOMICS, ACCOUNTING AND FINANCIAL MANAGEMENT (3).** Overviews macro and microeconomics in health care. Studies accounting theory in both the profit and non-profit health care organization for non-financial managers. Includes financial management and forecasting, budgeting, cost analysis/control and case management. Prerequisite(s): Graduate standing. NOTE: Requires student to have basic skills in use of electronic spreadsheets.

**HSA 608. THE POLITICS OF HEALTH (3).** The philosopher George Santayana stated that "those who cannot remember the past are condemned to repeat it." Students will take a journey from the origins of our modern health care delivery system to contemporary policy challenges. The graduate component extends foundational knowledge of quality and safety through additional readings, cases analysis and/or applied project work. Cross-listing HCA 408.

**HSA 610. HEALTH CARE DELIVERY SYSTEMS (3).** Introduces the historical development and contemporary structure of health services in the United States. Examines a wide range of delivery settings and providers, the role of government and regulatory bodies, and sources of health care funding. Addresses national health policy and related current issues. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work.

**HSA 612. INTEGRATED HEALTH CARE DELIVERY SYSTEMS (3).** Examines the evolution and structure of integrated health care delivery systems from the perspectives of quality, access and cost. Explores issues related to urban versus rural settings, managed care, reimbursement, regulatory requirements and institutional accreditation. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HCA 412.

**HSA 613. FUNDAMENTALS OF MANAGED CARE (3).** Introduces the history, philosophy, business principles and current structure of the managed care industry. Explores concepts of capitation, managed care contracting, case management and utilization patterns. Examines issues related to regulatory requirements and national health policy. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HCA 413.

**HSA 620. MARKETING AND PUBLIC RELATIONS IN HEALTH CARE SETTINGS (3).** Explores the unique nature and role of marketing in the health care industry. Introduces marketing principles and techniques as applied in health care settings including environmental scanning, market research and marketing strategy. Discusses media, public relations and advertising strategies. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Prerequisite(s): Approval of academic advisor required. Cross listing: HCA 420.

**HSA 623. FOUNDATIONS OF HEALTH LAW (3).** Examines legal and ethical issues involved in the assessment, management, and delivery of health care services, with emphasis on negligence, contract, consents, confidentiality/privacy, risk management, corporate compliance, peer review, and medical/legal issues related to health records. The graduate component extends foundational knowledge of quality and safety through additional readings, case analysis and/or applied project work. Cross listing: HCA 423.

**HSA 624. ASSESSMENT OF QUALITY CARE AND PATIENT SAFETY (3).** Reviews the history and theory of quality management in health care settings with emphasis on patient safety, patient satisfaction, patient engagement, the patient/client experience, and regulatory requirements in diverse settings. Explores performance improvement principles, methodologies and tools. The graduate component extends foundational knowledge of quality and safety through additional readings, case analysis and/or applied project work. Prerequisite(s): Graduate standing.

**HSA 625 E-W. ADVANCED CONCEPTS IN QUALITY (3).** Examines concepts related to the application of quality initiatives and strategies related to quality improvement in health care settings. Thematic topics for specific initiatives may include Lean Methodology concepts, Six Sigma, and other methods related to performance improvement in health care. Prerequisite(s): HSA 624 NOTE: Graduate standing required.

**HSA 628. HEALTH CARE ECONOMICS (3).** Provides an understanding of the elements necessary to apply basic microeconomic principles to the health care field. Emphasizes economic tools of particular relevance to health care, and to what degree the concepts are appropriate to deal with problems in this field. Demonstrates that economic analysis can provide pertinent and systematic insights into the workings of the health care system and the evaluation of health care policy. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HCA 428.

**HSA 630. MEDICAL PRACTICE MANAGEMENT (3).** Explores issues in practice management in the ambulatory setting including settings staffed by advanced practice medical personnel. Topics



include the organizational structure and management of a practice, coding, billing, and reimbursement procedures, marketing, contracting, budgeting and staffing as related to practice management. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: HCA 430.

**HSA 640. INTRODUCTION TO INTERPROFESSIONAL SPIRITUAL CARE (1).** Provides a basic spiritual care foundation for providers. Using Ignatian pedagogy, an interprofessional approach incorporates theory, observation and reflection. Clarifies roles of the spiritual care team. Cross listing: DPT 780P, NR 683, and PHRM 784.

**HSA 641. INTERPROFESSIONAL SPIRITUAL CARE (2).** Provides advanced spiritual care knowledge and application to clients. Based on Ignatian pedagogy, includes an interprofessional approach with didactic and field components emphasizing spiritual care delivery. Field experiences include mentoring in various work-place settings. Prerequisite(s): HSA 640. Cross listing: DPT 781P, NR 684, and PHRM 785.

**HSA 652. HUMAN RESOURCE MANAGEMENT IN HEALTH CARE SETTINGS (3).** Provides an understanding of the principles of human resource management in the health care environment. Emphasizes management techniques such as interviewing, training, career development, job analysis and design, performance evaluation, compensation and benefits, and employment law. Addresses trends in human resource management in health care. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Prerequisite(s): Approval of academic advisor required. Cross listing: HCA 452.

**HSA 658. PROJECT MANAGEMENT IN THE HEALTH CARE SECTOR (3).** Introduces principles of project management and the project management body of knowledge including project management software, task assignments, workflow analysis, and project planning as applied in the health care industry. Explores process reengineering with a health care focus. The graduate component extends foundational knowledge of quality and safety through additional readings, case analysis and/or applied project work. Cross listing: HCA 458.

**HSA 660. METHODS OF INQUIRY AND RESEARCH (3).** Examines qualitative and quantitative research assumptions, design, methods and ethical considerations as applied in health services research. Reviews statistical methods and tools, critique of published findings, data evaluation, analysis and presentation. Explores advanced concepts in health care outcomes and operations research applications. Prerequisite(s): Graduate standing.

**HSA 663. ADVANCED CONCEPTS OF HEALTH CARE FINANCE (3).** Provides application based case studies for cost utilization, financial forecasting, budgeting and analysis, cash management techniques, and planning models and applies these concepts to management practice in the health care industry. Includes financial management and forecasting, statement preparation and analysis, cost analysis and control and case management. Prerequisite(s): HSA 604 and approval of academic advisor required. NOTE: Basic skills in use of electronic spreadsheets required.

**HSA 670. BIOSTATISTICS AND HEALTH DATA ANALYSIS (3).** Examines skills and knowledge necessary to manage and analyze biomedical data. Reviews statistics used for decision-making, population health assessment, and inferential research analysis. Uses common statistical software to conduct analysis, interpret results and draw conclusions. Prerequisite(s): Permission of instructor required.

**HSA 672. MANAGING PATIENT SAFETY AND ORGANIZATIONAL RISK (3).** Examines the practical and ethical dimensions of patient care and organizational leadership in the context of patient safety and risk management. Identifies common concepts and applicable tools in risk management and quality improvement. Investigates the role of professional codes, regulatory requirements, the legal environment, practice standards, institutional policies and procedures, organizational culture and societal norms in managing patient safety and organizational risk. Students gain competency in the identification, measurement, analysis and response to patient safety issues and organizational risk. Prerequisite(s): Graduate standing required.

**HSA 674. ISSUES AND TRENDS IN QUALITY AND PATIENT SAFETY (3).** Provides an opportunity to develop and lead an initiative in patient quality, safety and/or risk in a health care setting. Emphasis is on the ability to lead a project and gain an overview of the quality improvement and patient safety activities in various health care facilities. Prerequisite(s): HSA 624 and HSA 672. NOTE: Graduate standing required.

**HSA 675. COMMUNICATION IN HEALTH CARE SETTINGS (3).** Enhances communication skills needed in business and professional contexts. Focuses on developing a working knowledge of theory and skill for written communication, interpersonal communication, meetings and presentations. Effective communication skills for dealing with physicians, patients, families, as well as other internal and external parties will receive special attention. Students will gain a working knowledge of critical thinking and problem resolution skills. Prerequisite(s): Graduate standing required.

**HSA 680. CONTEMPORARY ISSUES IN HEALTH SERVICES DELIVERY SYSTEMS (3).** A Capstone seminar examining contemporary issues in health services delivery systems. Topics include integration of delivery settings, managed care trends, stakeholder relations, health policy, regulatory initiatives, health care workforce, health promotion, and complementary medicine. Includes presentation of the master's project. Prerequisite(s): HSA 696. Graduate standing required.

**HSA 681E-W. SPECIAL TOPICS IN HEALTH SERVICES ADMINISTRATION (3).** Advanced study within a focused topic or area of practice related to health services administration under the direction of an assigned instructor. The student may select a new/established module or modify an established module through development of an individualized learning contract. Prerequisite(s): Graduate standing required.

**HSA 682. INTERPROFESSIONAL FOUNDATIONS OF GLOBAL HEALTH (1).** Examines the growing body of knowledge, scholarship, and engagement in global health. Challenges students in the health professions to become engaged leaders to help address growing global health disparities. Cross listing: NR 681, PHRM 781, DPT 780M, and DPT 781M. NOTE: Majors only.

**HSA 690E-W. INDEPENDENT STUDY IN HEALTH SERVICES ADMINISTRATION (1-4).** Topics by arrangement with individual faculty. Prerequisite(s): Majors only and approval of academic advisor required.

**HSA 696. MASTER'S PROJECT IN HEALTH SERVICES ADMINISTRATION (3).** Examines a current health care organization/system issue or problem. Students may work in conjunction with or at a particular agency to investigate and collect data on the problem. The final project, both in written and oral form, exhibits appropriate communication skills, evidence of critical thinking and problem solving skills, and a dedicated understanding/ cohesive description of the issue. Prerequisite(s): Graduate standing required.

### INTERPROFESSIONAL HEALTH CARE ETHICS (IHCE)

**IHCE 604. FOUNDATIONS OF PROFESSIONAL CHARACTER AND ETHICAL PRACTICE (3).** Offers students the opportunity to deeply examine the foundations of professional character and ethical practice in an interprofessional delivery format. NOTE: Course to be completed by Graduate Nursing students.

**IHCE 709. FOUNDATIONS OF PROFESSIONAL CHARACTER AND ETHICAL PRACTICE (3).** Offers students the opportunity to deeply examine the foundations of professional character and ethical practice in an interprofessional delivery format. NOTE: Course to be completed by Doctor of Physical Therapy students.

**IHCE 742. FOUNDATIONS OF PROFESSIONAL CHARACTER AND ETHICAL PRACTICE (3).** Offers students the opportunity to deeply examine the foundations of professional character and ethical practice in an interprofessional delivery format. NOTE: Course to be completed by Doctor of Pharmacy students.

### MASTER OF ARTS: COUNSELING (MCPY)

NOTE: ONLY STUDENTS IN THE DIVISION OF COUNSELING AND FAMILY THERAPY CAN TAKE CFT, MCPY AND MFT COURSES.

**MCPY 505. SKILLS FOR HELPING PROFESSIONALS (3).** Explores the fundamentals of counseling and the role of helping professionals in society. Surveys roles, attitudes, and behaviors of effective helping relationships. Recommended for students who intend to pursue graduate study in Professional Counseling leading to a LPC. Prerequisite(s): Senior standing for undergraduate level. Permission of MAC instructor at graduate level. Cross listing: PY 405. NOTE: Course requires additional course work if taken at the 500-level.

**MCPY 602. SPIRITUALITY AND COUNSELING (3).** Explores how spirituality, religion and a search for meaning are central to the counseling experience. Focuses upon understanding how spirituality and the religious imagination influence and enhance the practice and effectiveness of the therapeutic encounter. NOTE: Counseling and Marriage and Family Therapy degree and certificate seeking students only.

**MCPY 605. HUMAN GROWTH AND DEVELOPMENT (3).** Provides an advanced study of normal human development from infancy throughout the life span, emphasizing integration of theory

and research appropriate to each life phase. Considers the impact of cultural variation on life phases. Cross listing: MAPY 605.

**MCPY 610. THEORIES OF COUNSELING (3).** Introduces the major historical and contemporary theories of counseling. Examines techniques and styles of counselors using distinct approaches to counseling along with their application to case studies.

**MCPY 615. CULTURAL ISSUES AND SOCIAL JUSTICE (3).** Examines the multicultural and socioeconomic influences of psychology, personality development and perceptions of abnormal behavior and counselor attitudes. Presents theories of multicultural counseling and competencies. Discrimination and oppression are considered from a social justice perspective along with related strategies including advocacy.

**MCPY 620. ABNORMAL PSYCHOLOGY (3).** Provides an in-depth examination of abnormal psychological development and multicultural variations. Studies the theoretical approaches and treatments that flow out of various psychological paradigms

**MCPY 622. DIAGNOSIS AND TREATMENT PLANNING IN CLINICAL MENTAL HEALTH COUNSELING (3).** Exploration of clinical mental health procedures for assessing developmental, behavioral, and mental disorders. Emphasis on cultural and contextual factors influencing behavior and the impact of these factors on assessment and diagnosis.

**MCPY 625. PROFESSIONAL ORIENTATION AND ETHICAL ISSUES (3).** Examines ethical codes, standards, state statutes, practice guidelines, professional organizations and history. Focuses on ethical decision-making skills and contemporary ethical issues in the counseling field.

**MCPY 630. GROUPS: PROCESS AND COUNSELING (3).** Studies theories of group counseling including group dynamics and leadership. Includes different types of groups and group composition. Experiential learning methods are employed. Prerequisite(s): MCPY 635. May take concurrently with MCPY 636.

**MCPY 635. COUNSELING TECHNIQUES I (3).** Introduces the psychotherapeutic process and dynamics of the helping relationship. Focuses on developing basic counseling skills such as clinical interviewing, clinical record keeping and report writing, DSM-IV-TR diagnosis, assessment of various clinical issues, and treatment planning. Assists students in preparing a professional resume, practicing interviews for a practicum position, and identifying sites for their practicum/internship experience. Prerequisite(s): MCPY 605, MCPY 615, MCPY 620 and either MCPY 610 or MFT 610. Pass/No Pass grading only.

**MCPY 636. COUNSELING TECHNIQUES II (3).** Reviews current therapies used in community counseling settings, particularly depth psychotherapy, humanistic psychotherapy, and community cultural therapies. Includes skill development through role plays and videotaping. Prerequisite(s): MCPY 635. May take concurrently with MCPY 630. Pass/No Pass Grading Only.

**MCPY 640. RESEARCH METHODS AND PROGRAM EVALUATION (3).** Provides an understanding of types of research methods including quantitative and qualitative designs, basic statistics, and ethical and legal considerations in research.

Principles, practices and applications of needs assessment and program evaluation are reviewed.

**MCPY 645. CLINICAL ASSESSMENT (3).** Focuses on the application of basic concepts and statistics in the interpretation of tests and inventories utilized by counselors. Explores testing methodologies, interpretive criteria, and ethical and multicultural implications from the psychological perspective.

**MCPY 650. CAREER COUNSELING AND DEVELOPMENT (3).** Develops a comprehensive understanding of theories of career development and their application to diverse populations. Explores methods of effective career counseling, test administration, and interpretation of assessment tools.

**MCPY 660. SUBSTANCE ABUSE TREATMENT (3).** Examines the psychological and behavioral effects of substance abuse in individuals and families; reviews assessment techniques and approaches to treatment of this population. NOTE: Required course for MMFT graduate students only. Cross-listing: MFT 660.

**MCPY 663. COUNSELING MILITARY FAMILIES (3).** Examines impact of military culture on family, cycle of deployment, post-deployment, and integration into the community. Special emphasis on counseling spouse and children including: secondary trauma, substance abuse, domestic violence, attachment and intimacy. Prerequisite(s): MCPY 635.

**MCPY 668. PLAY IN FAMILY THERAPY (3).** Examines theoretical foundations and the utilization of play in family therapy. Explores filial therapy techniques as well as other models of parent-child relational therapy with families from diverse populations and various presenting issues. Prerequisite(s): MCPY 635.

**MCPY 670. ADVANCED PLAY THERAPY: GRIEF, ABUSE, AND TRAUMA (3).** Explores interdisciplinary theories of creativity and expressive arts as well as their therapeutic practices in the use of imagery, storytelling, dance, music, psychodrama, poetry, writing, movement, dream work and visual arts. Prerequisite(s): MCPY 635.

**MCPY 672. CRISIS, TRAUMA, AND LOSS (3).** Examines the impact of trauma and loss on military personnel and families, survivors of natural disasters, violence, and terrorism. Emphasis on counselors immediate response, assessment and treatment protocols for recovery, trauma and addition, post-traumatic stress, suicide prevention and assessment.

**MCPY 674. GRIEF THERAPY AND LIFE TRANSITIONS (3).** Explores life transitions and grief therapy as a necessary psychological experience for personal and communal transformation. Examines various clinical approaches and techniques through primary texts, demonstrations, case study and role play.

**MCPY 676. ECOPSYCHOLOGY: A TRANSFORMATIVE PERSPECTIVE (3).** Explores and imagines the transformative possibilities of the earth-human relationship and the psychological and spiritual well-being of individuals, families, communities, and the world. Applies transformative, clinical and eco-psychological perspectives.

**MCPY 677. COUNSELING PRE-ADOLESCENTS AND ADOLESCENTS (3).** Examines theories and techniques specific to developmental needs of pre-adolescents and adolescents (ages 11-18). Emphasizes individual and systemic approaches to prevention,

assessment, counseling techniques, and consultation skills that pertain to pre-adolescents and adolescents. Prerequisite(s): MCPY 635.

**MCPY 678. INTRODUCTION TO PLAY THERAPY (3).** Includes a historical and theoretical basis of play therapy. Emphasizes various theoretical approaches and philosophical foundations regarding the process of play therapy. Experiential methods, role-plays, and supervision of non-clinical play therapy cases are incorporated. Prerequisite(s): MCPY 635.

**MCPY 679. SANDTRAY THERAPY TECHNIQUES (3).** Introduces the use of Sandtray techniques for use with individuals and families. Exploration of theory, applications, stages, and ethical issues. Emphasizes depth, Humanistic and Relational/Cultural approaches. Didactic and experiential methods used. Prerequisite(s): MCPY 635.

**MCPY 680. CURRENT TRENDS IN PLAY THERAPY (3).** Explores current trends in play therapy and creative interventions with children, adolescents, and families. This course will also explore assessment, diagnosis, treatment planning, and legal and ethical issues specific to counseling children, adolescents, and families. Specific topics may include: animal assisted, art, and adventure/nature based therapy. Prerequisite(s): MCPY 635 or MFT 635.

**MCPY 682. PERSONAL MYTHOLOGY AND NARRATIVE (3).** Examines how the personal life story gives symbolic form to a person's core values and meaning. Emphasizes the relationship between personal stories, myths and therapeutic, transformative processes.

**MCPY 683. APPROACHES TO DREAM WORK (3).** Explores the value that dream images, symbols, and motifs have for clinical practice for personal, cultural, and ecological transformation. Examines Jungian, Freudian, and Archetypal theories and applications of dream work.

**MCPY 684. PLAY THERAPY AND COUNSELING INTERNATIONALLY (3).** Provides students with introductory and advanced instruction in play therapy and an understanding of the role culture plays in counseling, with a focus on international counseling. Prerequisite(s): MCPY 635.

**MCPY 685. QUALITATIVE RESEARCH METHODS (3).** Examines phenomenological approaches to research from the humanistic and "Human Science" tradition. Focuses upon a descriptive analysis of the meaning and value of everyday experience as 'lived' phenomena.

**MCPY 686. PSYCHOTHERAPEUTIC RELATIONSHIP: A DEPTH PERSPECTIVE (3).** Explores the dynamics and effective use of the therapeutic relationship to bring about transformation. Particular emphasis is placed on understanding transference and counter-transference and the distinct and shared experiences of client and therapist in the therapeutic process.

**MCPY 687. CULTURAL NARRATIVES: LITERATURE, MYTHS, AND FAIRY TALES (3).** Explores the role of imagination in fashioning the narrative and transformative patterns of our daily lives. Identifies traditional and universal themes which appear in cultural, political, ecological and personal texts.

**MCPY 690E-W. INDEPENDENT STUDY: COUNSELING (1-3).** Provides an opportunity for faculty-directed independent research

in an approved topic in counseling not covered in scheduled course offerings. Prerequisite(s): Permission of degree chair required.

**MCPY 692. PRACTICUM: CLINICAL SUPERVISION (3).** Provides student in Practicum with individual and group supervision by program faculty. Co-requisite: MCPY 693. Prerequisite(s): MCPY 635. Permission of instructor and clinical coordinator required. Pass/No Pass grading only. NOTE: Fee required.

**MCPY 693. COUNSELING PRACTICUM (3).** Offers initial exposure to community counseling field placement. Emphasizes counseling role, agency function, and basic skills. Prerequisite(s): MCPY 630, MCPY 635 and MCPY 636. Pass/No Pass grading only.

**MCPY 695E-W. SEMINAR IN COUNSELING PSYCHOLOGY (3).** Addresses current topics relevant to professional counselors in a variety of settings. Content varies by term according to the changing concerns of practicing psychotherapists as well as current issues in individual, family, and group counseling.

**MCPY 696. SUPERVISION IN CLINICAL COUNSELING (3).** Intended for post-master's marriage and family therapy practitioners who are preparing to become AAMFT clinical supervisors. Covers conceptual/theoretical approaches to supervision, and supervised practice in couples and family therapy.

**MCPY 697. SUPERVISION IN MARRIAGE AND FAMILY THERAPY (3).** Intended for post-master's clinical counseling practitioners who are preparing to become clinical supervisors. Covers conceptual approaches to supervision, methods, ethical and legal issues, and evaluation of supervisees in mental health settings.

**MCPY 698A. SUPERVISED COUNSELING INTERNSHIP A (3).** Expands and enhances the training begun during Practicum. Provides more in-depth clinical experience and helps to develop clinical skills. Prerequisite(s): MCPY 630, MCPY 636, MCPY 693. Permission of instructor and Clinical coordinator required. Pass/No Pass grading only. NOTE: Includes 350 hours of supervised clinical experience at an approved training site.

**MCPY 698B. SUPERVISED COUNSELING INTERNSHIP B (3).** Expands and enhances the training begun during Practicum. Provides more in-depth clinical experience and helps to develop clinical skills. Prerequisite(s): MCPY 630, MCPY 636 and MCPY 698A. Permission of instructor and Clinical coordinator required. Pass/No Pass grading only. NOTE: Includes 300 hours of supervised clinical experience at an approved training site.

**MCPY 698C. SUPERVISED COUNSELING INTERNSHIP C (3).** Expands and enhances the training begun during Practicum. Provides more in-depth clinical experience and helps to develop clinical skills. Prerequisite(s): MCPY 698B. Permission of instructor and clinical coordinator required. Pass/No Pass grading only. NOTE: Includes 350 hours of supervised clinical experience at an approved training site.

## MASTER OF ARTS: COUNSELING AND FAMILY THERAPY (CFT)

NOTE: ONLY STUDENTS IN THE DIVISION OF COUNSELING AND FAMILY THERAPY CAN TAKE CFT, MCPY AND MFT COURSES.

**CFT 650. MILITARY: FAMILY ORIGINS AND LIFE CYCLES (3).** An in-depth study of military family life cycle including adult development, nontraditional family structures and special populations. The impact of transitions such as career, marriage, divorce, military deployment, and death at different stages of the family life cycle as guides to therapeutic understanding.

**CFT 660. MILITARY: ADDICTION COUNSELING AND TREATMENT (3).** Examines the psychological and behavioral effects of substance use and other addictions in military individuals and families; reviews assessment techniques and approaches to treatment in this population.

**CFT 662. COUNSELING MILITARY COUPLES (3).** Marriage and family therapists and professional counselors, both experienced and newly-emerging, will develop a more targeted skill set in theories and techniques addressing issues found in couple relationships that are unique within the military culture. Special emphasis is given to counseling the military couple in areas of depression, PTSD, Traumatic Brain injury, secondary trauma, substance abuse, domestic violence, infidelity, divorce and intimacy. Student will have the opportunity to demonstrate their competencies in working with these couple issues in a military counseling setting.

**CFT 663. COUNSELING MILITARY FAMILIES (3).** Provides the student with the knowledge and understanding of the impact of military culture on the family, cycle of deployment, post-deployment, re-deployment, and integration into the community. Beginning with an overview of the military lifestyle and the unique circumstances that such a lifestyle poses to career service personnel, their spouses, and their children, the course then focuses on the common concerns of constant relocations and deployment of the military partner/parent and situations faced by the spouse and children who grow up in a military family. Special post-traumatic stress disorder (PTSD), secondary trauma, grief, loss, substance abuse, domestic violence, attachment, intimacy, and change issues.

**CFT 672. MILITARY: CRISIS, TRAUMA, AND LOSS (3).** Examines the impact of trauma and loss on military personnel and their families, survivors of natural disasters, violence and terrorism. Emphasis is on counselors' s immediate response, assessment and treatment protocols for recovery, trauma and addiction, post-traumatic stress, suicide assessment and prevention.

**CFT 673. APPROACHES TO TRAUMA THERAPY (3).** Provides an overview of techniques used for individuals and families impacted by traumatic experiences. Includes introduction to trauma-informed therapy, EMDR, prolonged exposure to therapy, neuro and biofeedback, and mindfulness approaches to treatment. Prerequisite(s): CFT 672.

## MASTER OF ARTS: MARRIAGE AND FAMILY THERAPY (MFT)

NOTE: ONLY STUDENTS IN THE DIVISION OF COUNSELING AND FAMILY THERAPY CAN TAKE CFT, MCPY AND MFT COURSES.

**MFT 605. HUMAN GROWTH AND DEVELOPMENT (3).** Provides an advanced study of normal human development from infancy throughout the life span, emphasizing integration of theory and research appropriate to each life phase. Considers the impact of cultural variation on life phases. Cross listing: MCPY 605.

**MFT 610. THEORIES OF FAMILY THERAPY (3).** Explores the historical development of theories of family therapy which have grown out of the paradigmatic shift from focusing on the individual to focusing on the influences of the family system and larger social contexts.

**MFT 615. CULTURAL ISSUES AND SOCIAL JUSTICE (3).** Explores cultural contexts of relationships, social justice issues and current research and therapeutic strategies related to socioeconomic status, religious and cultural values, ethnic background, gender, sexual orientation and mental and physical abilities. Cross listing: MCPY 615.

**MFT 620. ASSESSMENT AND DIAGNOSIS (3).** Exploration and practice of assessment and diagnosis skills, attending to clients' cultural context, and using DSM-5 diagnostic criteria and a structured clinical interview format. Includes practice of biopsychosocial diagnostic assessment and treatment planning.

**MFT 621. INTEGRATED HEALTHCARE (3).** Explores the connection between emotional, psychological, and physical health. Content includes information on health behavior change, psychopharmacology, ways that stress manifests in the body, and therapist interventions for impacting health changes.

**MFT 625. PROFESSIONAL ORIENTATION AND ETHICAL ISSUES (3).** Explores AAMFT Code of Ethics, Colorado legal statutes and ethical decision making models. Professional identity and public responsibility of marriage and family therapists will be explored.

**MFT 635. COUNSELING TECHNIQUES I (3).** Introduces the psychotherapeutic process and dynamics of helping relationships. Focuses on developing basic counseling skills such as clinical interviewing, clinical record keeping and report writing, diagnosis, assessment of clinical issues, and treatment planning. . Pass/No Pass grading only.

**MFT 638. ADVANCED FAMILY AND COUPLE THERAPY TECHNIQUES (3).** Students will develop techniques and skills to work with families and couples while integrating their skills within a theoretical approach. Activities include assessment, practice with enactments, live supervision, case conceptualization, co-therapy, treatment planning, and case presentation. Prerequisite(s): MFT 610, MFT 620, MFT 625 and MFT 635.

**MFT 640. RESEARCH METHODS AND PROGRAM EVALUATION (3).** Provides an understanding of types of research methods including quantitative and qualitative designs, basic statistics, and ethical and legal considerations in research. Principles, practices and applications of needs assessment and program evaluation are reviewed. Cross listing: MCPY 640.

**MFT 650. FAMILY ORIGINS AND LIFE CYCLES (3).** An in-depth study of family life cycle including adult development. The impact of transitions such as career, marriage, divorce, and death at different stages of the family life cycle as guides to therapeutic understanding.

**MFT 660. SUBSTANCE ABUSE TREATMENT (3).** Examines the psychological and behavioral effects of substance abuse in individuals and families; reviews assessment techniques and approaches to treatment of this population. Cross-listing: MCPY 660.

**MFT 662. COUNSELING MILITARY COUPLES (3).** Explores couple relationship dynamics within the military culture focusing on enhanced cognitive behavioral couple therapy, solution-focused therapy, EFCT, and Gottman method couple therapy. Addresses issues of TBI, PTSD, IPV, and infidelity.

**MFT 665. GENDER DEVELOPMENT AND SEXUALITY (3).** Explores the physical, psychological, social, cultural, and ethical aspects of human sexuality and gender development. Male and female gender roles, sexual expression, sexual misconceptions, variations in gendered or sexual behavior, and common sexual and relationship concerns. Prerequisite(s): MCPY/MFT 635.

**MFT 667. COUPLES THERAPY (3).** Provides an overview of theories of couples therapy, relational dynamics, cycles of partnering, negotiating, therapist alliance and bias. Emphasizes skills for working with couples conflict, violence, infidelity, commitment and divorce. Prerequisite(s): MCPY/MFT 635.

**MFT 668. PLAY IN FAMILY THERAPY (3).** Examines theoretical foundations and the utilization of play in family therapy. Explores filial therapy techniques as well as other models of parent-child relational therapy with families from diverse populations and various presenting issues. Prerequisite(s): MCPY/MFT 635. Cross-listing: MCPY 668.

**MFT 669. ADVANCED COUPLE THERAPY TECHNIQUES (3).** Students pursue advanced understanding and application of theory and techniques in couple therapy. Students apply assessment skills to inform treatment planning, interventions, and evaluation of couple progress. Teaching strategies include discussions, demonstrations, and role plays. Prerequisite(s): MCPY/MFT 635 and MFT 667.

**MFT 690. PRACTICUM: THE PRACTICE OF FAMILY THERAPY (3).** Focuses upon the practice and techniques of various systemic approaches used to treat clients in therapy. Students will employ Multi-Generational, Experiential (Satir), Structural, Strategic, or Solution-focused therapies in videotaped therapeutic work with clients. Prerequisite(s): MFT 638. . Co-Requisite: MFT 692.

**MFT 692. PRACTICUM: CLINICAL SUPERVISION (3).** Provides students in practicum with individual and group supervision by program faculty who are AAMFT approved supervisors (or candidates). Prerequisite(s): MFT 638. Co-Requisite: MFT 690. NOTE: Fee required.

**MFT 699A. SUPERVISED MFT INTERNSHIP A (3).** Clinical supervision of individual, couple and family therapy which focuses on the principles and practice of Marriage and Family Therapy. Prerequisite(s): MFT 690. Pass/No Pass grading only.

**MFT 699B. SUPERVISED MFT INTERNSHIP B (3).** Clinical supervision of individual, couple and family therapy which focuses

on the principles and practice of Marriage and Family Therapy.  
Prerequisite(s): MFT 699A. Pass/No Pass grading only.

**MFT 699C. SUPERVISED MFT INTERNSHIP C (3).** Clinical supervision of individual, couple, and family therapy which focuses on the principles and practice of Marriage and Family Therapy. .  
Prerequisite(s): MFT 699A and MFT 699B.

**MFT 699D. SUPERVISED MFT INTERNSHIP D (3).** Clinical supervision of individual, couple, and family therapy which focuses on the principles and practice of Marriage and Family Therapy. .  
Prerequisite(s): MFT 699A and MFT 699B.

## MASTER OF SCIENCE DEGREE IN NURSING (NR)

**NR 600. THEORETICAL FRAMEWORKS FOR LEADERSHIP AND ADVANCED NURSING PRACTICE (3).** Examines the historical and philosophical context of knowledge development in nursing in order to provide a sense of professional heritage and identity for emerging nurse leaders. Theories from nursing, related sciences, and leadership are critiqued and evaluated for their usefulness and applicability to nursing roles in practice, research, education, and management. Students examine their own leadership competency in relation to contemporary health care issues and the health care environment. Service learning and its relationship to the Regis mission of Ignatian philosophy, social justice, and leadership in service to others is integrated to promote delivery of advanced nursing care to diverse populations.  
Prerequisite(s): MT 270 or MT 274. NOTE: Graduate standing or permission of Program Director required.

**NR 602. ADVANCED APPLICATION OF RESEARCH FOR EVIDENCE-BASED PRACTICE (3).** Designed to enable the student to translate research in building an evidence-based nursing practice for improving health outcomes for populations. Various quantitative and qualitative research designs, methods, and analytical procedures such as clinical practice guidelines, systematic reviews, meta-analysis reports and others are presented, compared, and critiqued. Methodologies used in nursing to generate evidence and the approaches to implementation of evidence-based practice models in education, administration, and practice settings are examined. Ethical and cultural dimensions associated with the research process are appraised to insure protection of human subjects.  
Prerequisite(s): NR 600. NOTE: Graduate standing or permission of Program Director required.

**NR 603. INFORMATICS (3).** Provides knowledge and skills for nurse leaders to analyze, evaluate, and utilize health care information systems for the delivery of patient care. Students examine clinical, administrative, patient education, and evidence-based practice informatics applications, ethical and legal issues, and the design and implementation of information systems in health care systems.  
Prerequisite(s): NR 600 Cross listing: NR 703. NOTE: Graduate standing or permission of Program Director required.

**NR 605. ADVANCED PHYSIOLOGY AND PATHOPHYSIOLOGY ACROSS THE LIFESPAN (3).** Building on basic anatomy, physiology and pathophysiology, this graduate level science-based course utilizes a comprehensive approach to address the underlying principles of disease processes across the life span. Etiology, epidemiology, and theories related to pathogenesis are examined. The focus is on the differentiation of physiological and

pathophysiological findings and identification of treatment modalities for a variety of frequently presenting problems of clients in primary care across the lifespan. Prerequisite(s): NR 600 NOTE: Graduate standing or permission of Program Director required.

**NR 607. ADVANCED PHARMACOLOGY FOR ADVANCED PRACTICE (3).** Prepares advanced practice registered nursing (APRN) and MS in Nursing Leadership in Health Care Systems students for drug therapy management across the life span in a variety of primary care settings. Studies the mechanisms of action, indications for use, efficacy, adverse effects, monitoring parameters, dosing principles and drug interactions for common drug classes used in primary care. Identification and selection of appropriate drug management regimens for selected disease states will be addressed. Develops safe prescribing techniques using evidence-based pharmacotherapeutics and standards of practice. Graduate standing or permission of Program Director required.

**NR 608. HEALTH CARE POLICY AND ISSUES IN PRACTICE (3).** Focuses on health policy formation and evaluation. Learning activities will facilitate students' opportunities to learn about change in the context of public policy and politics. Public health care policy will be examined with emphasis on its relationship and application to advanced practice nursing, leadership roles in management and education, and models of health care delivery. Topics include history, trends, and issues in health care systems; legal issues; legislation and regulation; funding, planning, delivery, and evaluation of health care services to individuals and populations; and accessibility, quality and outcome issues. Advocacy as part of service learning will be explored.  
Prerequisite(s): NR 600, NR 602 or permission of instructor.  
Cross listing: HCA 408 and HSA 608. NOTE: Graduate standing or permission of Program Director required.

**NR 609. POPULATION HEALTH AND INTERPROFESSIONAL COLLABORATION PRACTICUM (3).** Focuses on the application of advanced nursing concepts related to the provision of culturally relevant health promotion and clinical prevention interventions in the student's area of clinical specialization. Using epidemiologic data, the student will employ collaborative strategies in the design, coordination, and evaluation of population-based, patient-centered care. Student will build upon previous course work in advocacy-focused service learning. Clinical hours (105) are required.  
Prerequisite(s): NR 600, NR 602, NR 608 and NR 620. NOTE: Graduate standing and permission of Program Director required. Student must be compliant with [RHcomply@regis.edu](mailto:RHcomply@regis.edu) to register for this course. Permission of Clinical Placement Advisor required.

**NR 611. FOUNDATIONS OF CLINICAL TEACHING FOR NURSING FACULTY (3).** Addresses knowledge, skills, and values necessary for effective clinical nursing education. Focuses on higher education outcomes, clinical teaching/learning principles, evidence-based practice, faculty role, and principles of instruction and assessment in clinical, skills, and simulation environments. Foundational knowledge is extended through self-directed readings, case analyses, and/or applied project work.

**NR 614. FOUNDATIONS OF FINANCIAL MANAGEMENT FOR NURSING LEADERS (3).** Prepares students to apply essentials of financial management to nursing leadership roles in health care systems. An overview of health care economics, financial

concepts, and budgeting in health care organizations is presented. The use of financial information and economic principles including cost/benefit analysis for strategic planning, decision-making, and the development of a business plan are addressed. Prerequisite(s): NR 600. NOTE: Graduate standing or permission of Program Director required.

**NR 615. ADVANCED FINANCIAL MANAGEMENT FOR NURSING LEADERS (3).** Addresses advanced concepts for fiscal management in health care systems by non-business graduate nursing majors. Principles from NR 614 are expanded with advanced application of financial management, budgeting, variance analysis, forecasting, and productivity management in health care organizations examined. The interpretation of financial information for decision-making and the role of the nurse manager in collaborating for interprofessional financial planning and management for quality outcomes will be addressed. Prerequisite(s): NR 600 and NR 614. NOTE: Graduate standing or permission of Program Director required.

**NR 620. HEALTH CARE ORGANIZATIONS AND SYSTEMS LEADERSHIP (3).** Enables the student to assume a leadership role in evaluating models of health care delivery and organizational systems. Health care organizations will be evaluated based upon organizational theory and research. Quality improvement principles with a focus on patient safety and regulatory requirements are explored in a variety of health care settings. The interpretation and analysis of health care performance data as it relates to improving organizational performance are examined. Principles of informatics and health care technologies are introduced as frameworks for the improvement of outcomes of care. Prerequisite(s): NR 600. NOTE: Graduate standing or permission of Program Director required.

**NR 621. ADVANCED MANAGEMENT PRINCIPLES AND PRACTICE (3).** Examines and analyzes advanced concepts of managerial roles and functions in health care organizations. The emphasis is on preparing nurse managers with the knowledge, skills, and abilities needed for evidence-based, collaborative nursing and health care management. Complex aspects of nursing management are addressed including planning and development of a diverse workforce based on current legal and economic requirements and industry trends. Additional concepts addressed include evidenced-based management practices, quality and safety strategies, and essential communication principles within collaborative settings. Students use course content and build on previous course work to develop their professional management philosophy. Prerequisite(s): NR 600 and NR 614. NOTE: Graduate standing or permission of Program Director required.

**NR 623E. LEADERSHIP IN HEALTH CARE SYSTEMS PRACTICUM: MANAGEMENT FOCUS (3).** Capstone course. Focuses on the integration and application of major concepts covered throughout the graduate nursing program in preparing students for leadership roles in nursing management environments. Students are guided in preparing for the end of program comprehensive evaluation which is based on Regis University and LHSON program outcomes, AONE nursing executive certification guidelines, and ANCC advanced nurse executive certification guidelines. Using a combination of seminar and precepted clinical experiences, students synthesize and apply previously learned leadership and management principles to a specific health care setting and discuss theory practice disjunctions.

One hundred and five (105) precepted clinical/field hours are required. NOTE: Completions of all Leadership in Health Care Systems specialization courses or permission of Program Director required. Student must be compliant with [RHcomply@regis.edu](mailto:RHcomply@regis.edu) to register for course.

**NR 623F. LEADERSHIP IN HEALTH CARE SYSTEMS PRACTICUM: EDUCATION FOCUS (3).** Capstone course. Focuses on the integration and application of major concepts covered throughout the graduate nursing program in preparing students for leadership roles in education environments. Students are guided in preparing for the end of program comprehensive evaluation which is based on Regis University and LHSON program outcomes, NLN Nurse Educator competencies, and ANCC Professional Development certification guidelines. Using a combination of seminar and precepted clinical experience, students synthesize and apply previously learned leadership and education principles to a specific education setting and discuss theory practice disjunctions. One hundred and five (105) precepted clinical/field hours are required. NOTE: Completions of all Leadership in Health Care Systems specialization courses or permission of Program Director required. Student must be compliant with [RHcomply@regis.edu](mailto:RHcomply@regis.edu) to register for course.

**NR 626. ADVANCED CARE IN ACUTE-CARE I FOR ADULTS ACROSS THE LIFESPAN (5).** Fosters clinical competency and emphasizes evidence-based practice in the adult acute/critical and chronic health care settings. Emphasizes the integration of theory, assessment, and advanced therapeutics for adults and frail elders in high acuity patient settings. Students will perform comprehensive clinical assessment including appropriate diagnostics and therapeutic testing. Management of acute and chronic health problems will be accomplished with the direction of clinical preceptors. Clinical settings will include one of a variety of acute/critical care areas including, but not limited to: Coronary Care Unit (CCU), Medical Intensive Care Unit (MICU), Surgical Intensive Care Unit (SICU), Emergency Departments, intermediate care and specialty services such as transplant and oncology. Gerontology experiences in complex long-term care, rehabilitation, and/or inpatient units specializing in the acute care of elders will also be provided. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

**NR 627. ADVANCED PRACTICE IN ACUTE-CARE II FOR ADULTS ACROSS THE LIFESPAN (5).** Prepares students to diagnose, treat, and follow patients with acute/critical care health problems across the adult age span. Emphasis is placed on the highest acuity of disease entities encountered in acute/critical care areas. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

**NR 628. ADVANCED DIAGNOSTICS & THERAPEUTICS (2).** Introduces students to the role and scope of practice for Adult-Gerontology Acute-Care Nurse Practitioners and the principles of diagnostic and treatment modalities utilized in the acute/critical care settings. Content includes principles of fluid replacement, hemodynamic monitoring and electromechanical interventions. Analysis of relevant laboratory data and interpretation of radiographs and electrocardiograms (ECG's) will be included. Laboratory practice will include procedures such as suturing, intubation, venous and arterial line insertion, and application of invasive therapeutic and diagnostic devices.



**NR 629. CLINICAL TOPICS AND PROFESSIONAL ISSUES FOR ADULT-GERONTOLOGY ACUTE-CARE NURSE PRACTITIONER (5).** Integrates the biomedical, psychological, and social elements of nurse practitioner practice. Under the supervision of an experience preceptor, students will provide in-depth, advanced practice nursing care to patients with acute, chronic, and complex health problems across the adult age span. Integration of current nursing and biomedical research evidence into the clinical decision-making process will be emphasized. Professional issues relevant to acute care nurse practitioners will be explored. (Includes clinical practicum 105 hours acute care with 30 of these hours as gerontology enrichment).

**NR 630. ADVANCED HEALTH ASSESSMENT OF THE PATIENT AND FAMILY (3).** Provides a framework for systematic data collection, organization, precise recording, accurate physical and psychosocial assessment, and communication of data reflecting the health status of the patient and family. A holistic perspective facilitates an analysis of cultural, occupational, and environmental factors integral to an understanding of both the patient and family's physical and psychosocial wellbeing. The course provides the student an opportunity to develop advanced skills necessary to evaluate deviation from the normal assessment. The student will also practice advanced physical assessment skills in simulated clinical settings. Prerequisite(s): NR 600. NOTE: Graduate standing or permission of Program Director required. Fee required.

**NR 637. WOMEN'S HEALTH AND CHILDBEARING FOR THE FAMILY NURSE PRACTITIONER (2).** Introduces the foundation for the women's health care management process and the care of women across the lifespan. Prepares students to assume professional roles and responsibilities in the management of normal and common primary care variations pertaining to gynecological care such as contraceptive care, breast health, menopause, and sexually transmitted infections. Examines the broad scope of prenatal care and includes: normal patterns of pregnancy, post-partum women, and those with deviations from normal in the pregnant woman/family and fetus. Emphasis is placed on the collaborative management of interventions to achieve desired outcomes during pregnancy. Students use scholarly inquiry to further develop their practice knowledge. Research related to normal and at-risk client systems is applied. Prerequisite(s): NR 600, NR 605, NR 607, NR 630, or permission of Program Director.

**NR 638. FOUNDATIONS IN CRITICAL CARE NURSING (4).** Provides a strong foundation for entry level practice for critical care nursing with a holistic approach. Advanced assessment, monitoring techniques, and pathophysiology, as well as therapeutic modalities and nursing interventions will be addressed.

**NR 639. CRITICAL CARE NURSING PRACTICUM (2).** Provides practical application of the critical care nurse role based upon American Association of Critical-Care Nurses (AACN) Standards of Practice and critical care nursing practice guidelines. Evidence-based practice using nursing knowledge, experience, and leadership theories will be applied in the direct care for diverse patients.

**NR 646. TEACHING AND LEARNING STRATEGIES IN HEALTH CARE (3).** Integrates teaching and learning theories for educating individuals and populations in clinical and academic

settings. Teaching strategies are grounded in educational theory, assessment of learner needs, and evidence-based teaching practices. This theoretical approach guides the selection and implementation of instructional methods and learning strategies. Students explore innovative practices in health care and nursing educational environments. Prerequisite(s): NR 600 or NR 622. NOTE: Graduate standing or permission of Program Director required.

**NR 647. CURRICULUM DEVELOPMENT (3).** Designed to promote the formulation of program outcomes and curriculum development in various contemporary academic and practice settings. The course focuses on elements of curriculum development and educational activities in healthcare education including: evidence-based assessment, program content analysis, curriculum design and implementation, continuing professional education, and evaluation strategies. Guiding conceptual frameworks and underlying philosophical, socioeconomic, political, and contemporary health care trends that impact curriculum development and changes are analyzed. Prerequisite(s): NR 600 or NR 622 and NR 646. . NOTE: Graduate standing or permission of Program Director required.

**NR 648. EVALUATION METHODS IN HEALTH CARE EDUCATION (3).** Addresses formulating program outcomes and evaluating curricula that reflect contemporary trends in the healthcare environment. Students will use a variety of strategies to assess and evaluate all domains of learning and outcomes in classroom, laboratory, and clinical settings. The process of program evaluation includes the assessment of educational outcomes for individuals and populations. Students will analyze and apply frameworks and models to assess and evaluate outcomes for continuous quality improvement. Prerequisite(s): NR 600 or NR 622, NR 646 and NR 647. . NOTE: Graduate standing or permission of Program Director required.

**NR 651. PROFESSIONAL INTEGRATION (3).** Integrates core concepts in nursing for the nurse practitioner. Builds on the skill set essential for independent practice. Prerequisite(s): NR 600, NR 602, NR 608, and 75% of program requirements completed.

**NR 652. ADVANCED HEALTH ASSESSMENT FOR THE NEONATAL NURSE PRACTITIONER (4).** Presents a framework for systematic collection of a comprehensive database that includes pertinent history and physical assessments of the pregnant woman, neonate, and healthy child through age two. NOTE: Includes 105 clinical hours of precepted clinical practice.

**NR 653. GENETICS AND EMBRYOLOGY FOR THE NEONATAL NURSE PRACTITIONER (3).** Provides a scientific foundation in embryology and genetics for practice. Analyzes the principles of human genetics, genetic testing and screening, genetic abnormalities and gene therapy for implications for the neonatal nurse practitioner.

**NR 654. ADVANCED PRACTICE PROCEDURES FOR THE HIGH RISK INFANT (2).** A theory, application, and skills course addressing the assessment and management of neonatal procedures commonly encountered in neonatal intensive care facilities. Prerequisite(s): NRP (Neonatal Resuscitation) Certification, NR 605, NR 607, NR 652 or permission of instructor. NOTE: Laboratory practicum includes procedural techniques. Fee required.



**NR 656. MANAGEMENT OF THE HIGH RISK NEWBORN (5).** Application of theory to practice in the development of a plan of care based on research evidence, pathophysiology, nursing and pharmacology principles, and protocols for the neonate. Prerequisite(s): NRP (Neonatal Resuscitation) Certification, NR 605, NR 607, NR 652 or permission of instructor. NOTE: Includes 105 hours of precepted clinical practice.

**NR 657. CLINICAL INTEGRATION FOR THE NEONATAL NURSE PRACTITIONER (5).** Focuses on the integration of advanced perinatal and neonatal theory, skill competency, critical thinking and clinical management of the low and high risk neonate and family. Prerequisite(s): NRP (Neonatal Resuscitation) certification, NR 605, NR 607, NR 652, NR 653, NR 654, NR 656, or permission of instructor. NOTE: Includes 415 hours of precepted clinical practice.

**NR 658. HEALTH CARE EDUCATION PRACTICUM (3).** Designed for students to synthesize and analyze knowledge of educational principles and theories learned through prior coursework and their practicum experience. 105 precepted practicum hours required. Prerequisite(s): NR 646, NR 647, and NR 648. NOTE: Enrollment in or completion of all health care education certificate courses.

**NR 659. PRIMARY HEALTH CARE OF CHILDREN AND THEIR FAMILIES (2).** Examines growth and development, health maintenance, health promotion and disease prevention for children from birth through adolescence. Studies pediatric specific acute and chronic conditions including injuries. Incorporation of family into treatment and management is included. Students will develop skills in assessment, diagnosis, treatment and management specific to this population. Prerequisite(s): NR 600, NR 605, NR 607, NR 630, or permission of Program Director.

**NR 660. PRIMARY HEALTH CARE ACROSS THE LIFESPAN I (5).** Examines health maintenance, disease prevention, and health promotion across the life span. Students begin to develop skills in assessment, diagnosis, treatment, management, education and follow up of health maintenance exams, acute and chronic conditions, including injuries. NOTE: 210 Clinical hours of precepted experience are required. Prerequisite(s): NR 637, NR 659, or permission of Program Director.

**NR 661. PRIMARY HEALTH CARE ACROSS THE LIFESPAN II (5).** Examines health maintenance, disease prevention, and health promotion across the life span. Students begin to develop skills in assessment, diagnosis, treatment, management, education and follow up of health maintenance exams, acute and chronic conditions, including injuries. NOTE: 210 Clinical hours of precepted experience are required. Prerequisite(s): NR 637, NR 659, NR 660 or permission of Program Director.

**NR 662. PRIMARY HEALTH CARE ACROSS THE LIFESPAN III (5).** Examines health maintenance, disease prevention, and health promotion across the life span. Students begin to develop skills in assessment, diagnosis, treatment, management, education and follow up of health maintenance exams, acute and chronic conditions, including injuries. NOTE: 210 Clinical hours of precepted experience are required. Prerequisite(s): NR 637, NR 659, NR 660, NR 661 or permission of Program Director.

**NR 667. PRIMARY CARE PROCEDURES A (1).** Introduces theory, application, and skills addressing the assessment and management of patient procedures commonly encountered in primary care settings. Students begin to develop and apply these skills necessary for clinical experience. Prerequisite(s): NR 600, NR 605, NR 607, NR 630. NOTE: Pass/No Pass grading only.

**NR 668. PRIMARY CARE PROCEDURES B (1).** Introduces theory, application, and skills addressing the assessment and management of patient procedures commonly encountered in primary care settings. Students begin to develop and apply these skills necessary for clinical experience. Prerequisite(s): NR 600, NR 605, NR 607, NR 630, NR 637, NR 659, NR 660, NR 667. NOTE: Pass/No Pass grading only.

**NR 681. INTERPROFESSIONAL FOUNDATIONS OF GLOBAL HEALTH (1).** Examines the growing body of knowledge, scholarship, and engagement in global health. Challenges students in the health professions to become engaged leaders to help address growing global health disparities. Cross listing(s): HSA 682, PHRM 781, DPT 780M, and DPT 781M. NOTE: Majors only.

**NR 683. INTRODUCTION TO INTERPROFESSIONAL SPIRITUAL CARE (1).** Provides a basic spiritual care foundation for providers. Using Ignatian pedagogy, an interprofessional approach incorporates theory, observation and reflection. Clarifies roles of the spiritual care team.

**NR 684. INTRODUCTION TO INTERPROFESSIONAL SPIRITUAL CARE II (2).** Provides advanced spiritual care knowledge and application to clients. Based on Ignatian pedagogy, includes an interprofessional approach with didactic and field components emphasizing spiritual care delivery. Field experiences include mentoring in various work-place settings. Prerequisite(s): NR 683.

**NR 690E-W. INDEPENDENT STUDY IN GRADUATE NURSING (1-6).** Topics by arrangement with individual faculty. Prerequisite(s): Majors only and permission of the appropriate department director required.

**NR 695. CULTURAL DIVERSITY IN HEALTH CARE (3).** Explores the components of cultural competence in health care. Issues related to cultural diversity in health and illness are discussed and analyzed. The graduate component extends foundational knowledge through additional readings, case analysis and/or applied project work. Cross listing: NR 495.

**NR 697A. MASTER'S THESIS I (3).** Provides an opportunity for completion of a thesis representing original work as a result of research. Students must submit a written proposal for approval by the faculty chair of the thesis committee. Prerequisite(s): NR 602 and permission of Executive Director of the Department of Graduate and Post-Licensure Nursing required. Majors only. NOTE: An "IP" (in progress) grade is assigned for NR 697A since the thesis is designed to be completed over more than one semester. A letter grade is assigned after completion of NR 697B. Classroom-based students only.

**NR 697B. MASTER'S THESIS II (3).** Completion and defense of thesis begun in NR 697A. Prerequisite(s): NR 697A. Permission of Executive Director of the Department of Graduate and Post-Licensure Nursing required. NOTE: A letter grade is assigned for both NR 697A and NR 697B after completion of NR 697B. Classroom-based students only.

**NR 699. COMPREHENSIVE EVALUATION, MASTER OF SCIENCE (0).** This course is a comprehensive evaluation of the student's achievement of Regis University and LHSN MS Program Outcomes. Students provide a presentation reflecting on the Regis University and LHSN MS Program Outcomes with provisions of evidence of this achievement. NOTE: Completion of all courses or permission of Program Director. Pass/No Pass grading only.

## DOCTOR OF NURSING PRACTICE (DNP)

**NR 701. THEORETICAL APPLICATION FOR DOCTORAL NURSING PRACTICE (3).** Facilitates development and evaluation of new practice and delivery approaches based on theories from various disciplines of study. Students examine, critique, and develop theoretical frameworks that direct health care delivery to improve the health of individuals, aggregates, and communities. Reflecting on the complexity of health care, students develop ethical and evidence-based approaches for the application of natural and social sciences to communities of interest. The course also integrates the concepts of population health and equity of care delivery for vulnerable, underserved, and diverse populations. NOTE: DNP students only.

**NR 702. APPLIED STATISTICS (3).** Develops skills and knowledge to manage and analyze biomedical data. Statistics used for decision-making, population health assessment, and inferential research analysis are applied to describe the health of populations, quality assurance initiatives, appraisals of effectiveness of interventions, and predicting risk in urban or rural, geographic or population-based, vulnerable or underserved populations. NOTE: DNP students only.

**NR 703. INFORMATICS (3).** Provides knowledge and skills for nurse leaders to analyze, evaluate, and utilize health care information systems for the delivery of patient care. Students examine clinical, administrative, patient education, and evidence-based practice informatics applications, ethical and legal issues, and the design and implementation of information systems in health care systems. Prerequisite(s): NR 600 or NR 622. NOTE: DNP students only. Cross listing: NR 603.

**NR 704. EPIDEMIOLOGY AND HEALTH PROMOTION FOR POPULATIONS (3).** Provides the epidemiological foundations for assessing and planning population health promotion and disease prevention. Emphasizes core concepts of epidemiology including epidemiology models, determinants of health and illness, epidemiological methods and data measurements and examining the epidemiology of populations across the lifespan. Students examine the role of the DNP in collaborating with community partners in using epidemiology study results for addressing gaps in care for vulnerable and underserved populations at local, state, national, and global levels. NOTE: DNP students only.

**NR 706A-C. DNP CAPSTONE PROJECT (1).** The Capstone project will provide a demonstration of evidence based application of course and clinical experiences to meet University, School, and Program outcomes. The Capstone project will include a DNP practice change initiative. Students take Capstone Project A seminar early in the program to explore a variety of DNP roles and their DNP role in their practice setting. Students identify the vulnerable, underserved, or diverse populations with whom they are working, establish a practice problem and review the relevant

literature in preparation for establishing their practice change initiative. The Capstone committees are established to guide the students in the practice projects. Pre- or co-requisite: Appropriate NR 715 or NR 725 courses. NOTE: DNP students only.

**NR 707. CLINICAL RESEARCH FOR THE DOCTOR OF NURSING PRACTICE (3).** As the costs of health care continue to rise, and society's ability to meet these costs declines, there is increasing interest in the efficacy, economic evaluation, and overall patient satisfaction with health care interventions across populations. This course provides background information on the theoretical foundations, implementation, and evaluation of outcomes research in evidence-based practice, and emphasizes the ongoing use of data to improve the processes, systems, and delivery of care to vulnerable, underserved, and diverse populations. Examines concepts related to utilization of outcome data in clinical decision-making at the programmatic and organizational level and develop an outcomes research project proposal. NOTE: DNP students only.

**NR 708. HEALTH POLICY ANALYSIS AND DEVELOPMENT (3).** Students critically analyze public policy and the implications of policy to consumers, professionals and policy makers. Financial and legal influences are discussed as students evaluate policy decisions and strategize ways to drive policy supportive of health care, health care delivery, health care education and the practice of nursing. Shows evidence of leadership in the development and implementation of health care policy within institutions and the public arena at all levels from local to international. NOTE: DNP students only

**NR 711. ADVANCED LEADERSHIP FOR COLLABORATIVE MODELS OF CARE (3).** Addresses advanced practice models for nurse practitioners, including scope of practice, standards of care, practice guidelines and credentialing. Collaborative models of health care and collaborative practice are presented and address issues related to access to care. Principles of leadership and management are presented and include advanced communication skills, ethical decision-making, office management, and insurance and billing. The role of the nurse practitioner as a member of health care delivery teams is presented with a focus on coalition building, human relations development, and workforce planning. Leadership skills emphasize creating change and negotiating conflict to provide health care to selected populations within collaborative care models. Evaluation strategies and outcomes served as a basis for determining quality of care. NOTE: DNP students only.

**NR 712. DYNAMICS OF ORGANIZATIONS, SYSTEMS DESIGN, AND EVALUATION (3).** Analyzes the theoretical basis for organizations and the role and structure of organizations across the health care continuum both globally and within multiple contexts. Students examine quality and safety initiatives, relationships of structure, finance, function, design, and risk management from a systems model perspective. Further, students use ethical leadership concepts to analyze complex situations and environment to operationalize best practice standards in service to vulnerable, underserved, diverse populations. NOTE: DNP students only

**NR 715A-C. APPLICATION TO PRACTICE CLINICAL HOURS (1-7).** Students register for a variable number of credit hours based on faculty review of transcripts and degree plan

requirements. These precepted experiences are designed to assist students apply theory to practice, identify theory to practice disjunctions, and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses. NOTE: DNP students only

**NR 721. STRATEGIC PLANNING IN AN EVOLVING HEALTH CARE ENVIRONMENT (3).** Students apply foundational and nursing administration knowledge, skills, and attitudes to their advanced practice role. Students develop and articulate their vision and mission for a nursing practice enterprise as a foundation for a strategic plan to improve health outcomes with diverse, vulnerable, and/or underserved populations. In collaboration with interprofessional and community partners, students apply network and systems thinking and strategic planning principles to authentic issues within the context of a global and evolving health care environment. Case study analysis and organizational and leadership theory are used to develop a nursing practice enterprise to improve the nation's health. NOTE: DNP students only.

**NR 722. HEALTH CARE SYSTEMS FINANCE AND MARKETING (3).** Students will analyze diverse health care systems in relation to local, state, national, and global health care markets and population needs. Students will examine and develop marketing and sales strategies that impact health care delivery and education. A comprehensive business plan will be developed that incorporates cost effective financial planning and project funding. Principles of business, finance, economics, and health policy will be used to develop effective plans that improve quality of care, especially for vulnerable, underserved, or diverse populations. NOTE: Students must have matriculated into the DNP to be eligible to take this course.

**NR 725A-D. APPLICATION TO PRACTICE CLINICAL HOURS (1-7).** Students register for a variable number of credit hours based on faculty review of transcripts and degree plan requirements. These precepted experiences are designed to assist students apply theory to practice, identify theory to practice disjunctions, and complete a DNP Capstone Project in the student's area of interest. Application to practice hours may be scheduled in conjunction with the student's capstone project courses. NOTE: DNP students only.

**NR 799. CAPSTONE DEFENSE (0).** Required of all dnp students. Consists of an oral comprehensive presentation on core and specialty course content and evidence of achievement or program and university outcomes. Prerequisite(s): all dnp theory and capstone project courses in the emphasis, greater than 80% of all application to practice clinical hours, and approval of the appropriate director/coordinator. Note: DNP students only.

## DOCTOR OF PHARMACY (PHRM)

**PHRM 701. INTEGRATED PHARMACOTHERAPY I (4).** Introduction to basic biochemical, pharmacologic, pharmacokinetic, pharmaceutical, and medicinal chemistry principles essential to understanding the scientific basis of drug therapy.

**PHRM 702. INTEGRATED PHARMACOTHERAPY 2 (4).** Integrated approach to understanding the pharmacotherapy of

disease states. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy of presentation and management of gastrointestinal, endocrine, cardiovascular, renal and nutrition disorders. Includes principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 701.

**PHRM 703. INTEGRATED PHARMACOTHERAPY 3 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, physiology, immunology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy of presentation and management of cardiovascular, endocrine, psychiatric, and respiratory disorders. Includes principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 702.

**PHRM 704. INTEGRATED PHARMACOTHERAPY 4 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, immunology, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy of presentation and management of respiratory, oncologic, and infectious disease disorders. Includes principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 703.

**PHRM 721. INTEGRATED PHARMACY LABORATORY I (1).** Introduces basic pharmaceutical measurements, prescription interpretation and dispensing, emphasizing preparation of sterile products. Physical assessment, documentation, and clinical chemistry skills are covered that extend student understanding of disease states covered in the IP sequence.

**PHRM 722. INTEGRATED PHARMACY LABORATORY 2 (1).** Introduces compounding of tablet, topical, and oral suspensions and solutions. Examines about devices for home diabetes monitoring. The second half of the semester focuses on pulmonary assessment, inhaler counseling, and smoking cessation counseling.

**PHRM 730. PHARMACY AND THE UNITED STATES HEALTH CARE SYSTEM (3).** Examines ways health care is accessed and used in the United States. Compares other systems around the world. Discusses roles of regulatory agencies, advocacy organizations, and the pharmaceutical industry. Covers issues of public health policy, economic behavior, outcomes.

**PHRM 740. PHARMACY LAW AND POLICY (3).** Examines the history of pharmacy laws and how the laws structured current practice guidelines and impact the distribution/dispensing of drugs. Explores state and local statutes concerning business and pharmacy practice. Civil liability and professional ethics are discussed.

**PHRM 741. THERAPEUTIC PRINCIPLES OF SELF-CARE (3).** Provides principles of self-care, product selection and rational use of nonprescription medications. Emphasizes appliances, durable medical goods, and OTC testing devices. Practices interviewing, decision-making for patient triage, and consultation skills. Service learning allows students to consider issues of self-care in socio-economically challenged populations.

**PHRM 750. INTRODUCTION TO PHARMACY (2).** Focuses on preparing students for the introductory pharmacy practice experiences. Students spend the semester obtaining necessary training for experiential education, learning elements of

professionalism, specifically, communications, interactions, and behaviors. Introduction is also made to health care documentation and drug information.

**PHRM 751. INTRODUCTORY PHARMACY PRACTICE EXPERIENCE I (2).** The first of five introductory experiential courses. Students spend six hours weekly at a community or institutional site learning about the pharmacy practice setting and completing assignments related to concepts in their concurrent coursework. Prerequisite(s): PHRM 750.

**PHRM 705. INTEGRATED PHARMACOTHERAPY 5 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy of presentation and management of selected renal, hepatic, hematological, infectious disease, and cardiovascular disorders. Includes principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 704.

**PHRM 706. INTEGRATED PHARMACOTHERAPY 6 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy of presentation and management of selected cardiac, vascular, and renal disorders. Includes principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 705.

**PHRM 707. INTEGRATED PHARMACOTHERAPY 7 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, dosage form and drug delivery strategies, and pharmacotherapy of selected neurologic, psychiatric, bone and joint, and immunologic disorders. Prerequisite(s): PHRM 706.

**PHRM 708. INTEGRATED PHARMACOTHERAPY 8 (4).** Integrated approach to understanding the pharmacotherapy of disease states. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, dosage form and drug delivery strategies, and pharmacotherapy of selected renal, hematologic, infectious disease, and gastrointestinal disorders. Prerequisite(s): PHRM 707.

**PHRM 709. INTEGRATED PHARMACOTHERAPY 9 (4).** Integrated approach to understanding the pharmacotherapy of selected disease states including oncologic and hematologic disorders, viral and fungal infections and transplant. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy, with principles of dosage forms and drug delivery strategies. Prerequisite (s): PHRM 708.

**PHRM 710. INTEGRATED PHARMACOTHERAPY 10 (4).** Integrated approach to understanding the pharmacotherapy of selected disease states including psychological and neurological disorders, and bacterial infections. Covers biochemistry, physiology, pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapy, with principles of dosage forms and drug delivery strategies. Prerequisite(s): PHRM 709.

**PHRM 711. INTEGRATED PHARMACOTHERAPY 11 (4).** Integrated approach to understanding/solving problems of concomitant diseases through complicated patient cases. Material from previous pharmacotherapy courses is addressed, and new material is introduced. Includes physicochemical/biological

principles of dosage forms and drug delivery methods for appropriate treatment. Prerequisite(s): PHRM 710.

**PHRM 712. INTEGRATED PHARMACOTHERAPY 12 (4).** Integrated approach to understanding/solving problems of concomitant diseases through complicated patient cases. Material from previous pharmacotherapy courses is addressed, and new material is introduced. Includes physicochemical/biological principles of dosage forms and drug delivery methods for appropriate treatment. Prerequisite(s): PHRM 711.

**PHRM 723. INTEGRATED PHARMACY LABORATORY 3 (1).** The course is designed to develop patient assessment and counseling, prescription preparation, extemporaneous compounding, and dispensing skills. The topic sequence is designed to coordinate with those presented in the integrated therapeutics sequence.

**PHRM 724. INTEGRATED PHARMACY LABORATORY 4 (1).** Builds on skills introduced in IL 1-3 and acquire new patient assessment, communication, pharmaceutical calculations, prescription preparation and dispensing, and extemporaneous compounding skills. Topics are designed to complement the integrated pharmacotherapy course. Prerequisite(s): PHRM 723.

**PHRM 725. PROFESSIONAL DEVELOPMENT I (1).** Develops patient interviewing and counseling skills, along with critical evaluation of literature and presentation skills. Topic sequence is designed to coordinate with those presented in the integrated pharmacotherapeutics and experiential education sequences. Prerequisite(s): PHRM 724.

**PHRM 726. PROFESSIONAL DEVELOPMENT II (1).** Extends skills developed through professional years one and two to effectively access and critically evaluate drug information. Students research contemporary health topics, interpret/evaluate literature, organize and prepare a doctoral-level presentation that integrates pharmacy knowledge and skills. Prerequisite(s): PHRM 725.

**PHRM 727. INTEGRATED LITERATURE EVALUATION I (3).** Study of literature evaluation and research study design. Discuss advantages and disadvantages of primary, secondary, and tertiary literature. Systematically approach drug information requests and to efficiently find and evaluate biomedical literature. Evaluate a study for validity, design, and methods.

**PHRM 728. INTEGRATED LITERATURE EVALUATION 2 (3).** Study of literature evaluation including critical assessment of research design and statistical method. Systematic evaluation of primary literature. Students learn to respond systematically to drug information requests and to efficiently find and evaluate biomedical literature and apply it to patient care. Prerequisite(s): PHRM 727.

**PHRM 731. PHARMACOECONOMICS (3).** Discusses how to collect, analyze, and interpret costs of drug therapies and alternatives as well as how to determine the economic impact of clinical outcomes, pharmacoeconomic models, cost-minimization, cost-of-illness, cost-effectiveness, cost-benefit, and cost utility analysis and techniques. Prerequisite(s): PHRM 430.

**PHRM 732. LEADERSHIP AND MANAGEMENT (3).** Introduces topics such as key business relationships, planning, market analysis, ownership, service offerings, competitive strategies, and

operations. Covers fundamental principles of leadership, including attributes of effective leaders, and cultivation of personal leadership qualities.

**PHRM 743. FAITH, SPIRITUALITY AND CULTURE IN HEALTH CARE (3).** Survey of different religious beliefs and how people in various faith traditions access and use health care resources; emphasis on understanding and communicating with patients who present with less commonly encountered beliefs.

**PHRM 752. INTRODUCTORY PHARMACY PRACTICE EXPERIENCE 2 (2).** The second of five experiential courses. Students spend six hours weekly at a community site learning about the community pharmacy practice setting and completing assignments related to concepts in their concurrent course work. Prerequisite(s): PHRM 451.

**PHRM 753. INTRODUCTORY PHARMACY PRACTICE EXPERIENCE 3 (2).** The third of five experiential courses. Students spend six hours weekly at a community site learning about the community pharmacy practice setting and completing assignments related to concepts in their concurrent course work. Prerequisite(s): PHRM 752.

**PHRM 754. INTRODUCTORY PHARMACY PRACTICE EXPERIENCE 4 (2).** Introductory Pharmacy Practice Experience 4 is the fourth of five experiential courses. Students spend six hours weekly at an institutional site learning about the institutional pharmacy practice setting and completing assignments related to concepts in their concurrent course work. Prerequisite(s): PHRM 753.

**PHRM 755. INTRODUCTORY PHARMACY PRACTICE EXPERIENCE 5 (2).** Inter-professional simulations designed to combine pharmacy knowledge with practice in professionalism. Prerequisite(s): PHRM 754.

**PHRM 760. ADVANCED PHARMACY PRACTICE EXPERIENCE I (6).** This is the first of eight required advanced experiential courses. The APPE is designed to expand students' knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

**PHRM 761. ADVANCED PHARMACY PRACTICE EXPERIENCE II (6).** This is the second of eight required advanced experiential courses. The APPE is designed to expand students' knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

**PHRM 762. ADVANCED PHARMACY PRACTICE EXPERIENCE III (6).** This is the third of eight required advanced experiential courses. The APPE is designed to expand students' knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

**PHRM 763. ADVANCED PHARMACY PRACTICE EXPERIENCE IV (6).** This is the fourth of eight required advanced experiential courses. The APPE is designed to expand students' knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

**PHRM 764. ADVANCED PHARMACY PRACTICE EXPERIENCE V (6).** This is the fifth of eight required advanced experiential courses. The APPE is designed to expand students' knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings.

**PHRM 765. ADVANCED PHARMACY PRACTICE EXPERIENCE VI (6).** The eighth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings. Prerequisite(s): PHRM 764. NOTE: Majors Only.

**PHRM 766. ADVANCED PHARMACY PRACTICE EXPERIENCE VII (6).** The eighth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings. Prerequisite(s): PHRM 765. NOTE: Majors Only.

**PHRM 767. ADVANCED PHARMACY PRACTICE EXPERIENCE VIII (6).** The eighth of eight required advanced experiential courses. Designed to expand the student's knowledge and practice skills needed to perform activities commonly encountered in a variety of pharmacy practice settings. Prerequisite(s): PHRM 766. NOTE: Majors Only.

**PHRM 771. GERIATRICS PHARMACOTHERAPY (3).** Reviews the multifaceted clinical needs of the older adult population with emphasis on the holistic approach of incorporating humanistic outcomes in their care. Focuses on the aging body and the effects this may have on drug pharmacokinetics/pharmacodynamics, appropriate therapy in response to common geriatric conditions and overall promotion of wellness and prevention of poor outcomes. NOTE: Second and third year pharmacy students only.

**PHRM 772. DRUGS OF ABUSE (3).** Covers the pharmacological, clinical, and societal aspects of psychoactive/psychotropic drugs of abuse. Special emphasis is placed on observable signs and symptoms, screening, and therapeutic management of commonly abused drugs. NOTE: Students must have a P-2 standing.

**PHRM 774. ADVANCED TOPICS IN COMPOUNDING AND DRUG DELIVERY (3).** Students will apply biopharmaceutical principles to the design and preparation of compounded dosage forms. The class will consist of theoretical discussions, pharmaceutical compounding, and product analysis.

**PHRM 775. PHARMACOGENOMICS (3).** Using a bench-to-bedside approach, the course content spans from foundational genetic concepts to the role of pharmacogenomics in managing selected disease states. In addition, the ethical, legal and social implications of pharmacogenomics will be presented.

**PHRM 776. ADVANCED TOPICS IN DRUG INFORMATION-ONLINE (2).** Expands on the understanding of drug information. Topics include answering difficult drug information questions, interpreting and critiquing the primary literature, formulary management, and medical writing. Prerequisite(s): PHRM 727 and PHRM 728. NOTE: P3 standing required.

**PHRM 777. PALLIATIVE CARE (3).** This course is designed to develop skills in the interdisciplinary team approach and principles of palliative care, including symptom assessment and management, ethical issues, and advance care planning. Emphasis is placed on the role of the pharmacist in the palliative care and hospice settings.

**PHRM 778. SPANISH FOR PHARMACY PRACTICE I (3).** Introduces elemental and basic conversational Spanish. Basic words and phrases, and health-related words will be covered so

that students can communicate with Spanish-speaking patients and clients. NOTE: Students must have a P-2 standing.

**PHRM 779. APPLIED LEADERSHIP IN PHARMACY PRACTICE**

(3). Discover, reflect on, and enhance leadership skills by emphasizing the development of a personal mission statement, timeless leadership and influence principles, conflict management, positive reinforcement strategies, effective interpersonal communication, embracement of adversity, and emotional intelligence. Prerequisite(s): PHRM 451 and PHRM 752.

**PHRM 780. SPANISH FOR PHARMACY PRACTICE II** (3). This Intermediate Medical Spanish course, tailored for pharmacy students, helps students move from a beginning knowledge of general and medical Spanish to an intermediate level of Medical Spanish. It is perfect for the student with 3+ years of High School Spanish or 2+ years of college Spanish in the past, who wants to review what they already know and gain more knowledge of medical terminology in the pharmacy context.

**PHRM 781. INTERPROFESSIONAL FOUNDATIONS IN GLOBAL HEALTH I** (1). Examines strategies for students to become engaged leaders in the health professions within the current global reality. Core concepts of international service, poverty and global injustice, structural violence, determinants of health, culture and foreign aid will be addressed. Co-requisite: NR 681, HSA 682, DPT 780M, and DPT 781M.

**PHRM 783. ADVANCED TOPICS IN DRUG INFORMATION** (3). Expands on the students' understanding of drug information. Topics will include literature evaluation, claims in the media and the basis for truth, formulary management, medication safety initiatives, and medical writing. Prerequisite(s): PHRM 727 and PHRM 728.

**PHRM 784. INTRODUCTION TO INTERPROFESSIONAL SPIRITUAL CARE** (1). Blended foundational inter-professional course assessing spiritual care needs of clients to maximize quality of care outcomes. Activities include personal reflection, interventions, and identification of roles of spiritual care team through participation in community observation.

**PHRM 785. INTERPROFESSIONAL SPIRITUAL CARE** (2). Blended inter-professional course advancing knowledge in application of spiritual assessment and support of whole patient needs. Includes a community field experience working with spiritual provider mentors in various settings- examples: hospital and hospice. Prerequisite(s): PHRM 784.

**PHRM 786. ADVANCED SELF CARE** (3). Incorporation of multiple disease-states in the self-care arena to evaluate and determine appropriate self-care product selection and non-pharmacologic recommendation for numerous patient populations. Further emphasis on interviewing, decision-making for patient triage, and consultation skills will be incorporated. NOTE: Majors Only.

**PHRM 788. CRITICAL REVIEW IN ONCOLOGY RESEARCH** (3). Provides critical review of preclinical and clinical oncology pharmacy research. Emphasis of study is placed on ground-breaking discoveries in oncology pharmacotherapy. Reviews and discusses essential articles from primary literature sources in order to develop an original research proposal in the field of oncology pharmacy. NOTE: Students must be in professional year 3 of the pharmacy program. Prerequisite(s): PHRM 728.

**PHRM 789. PRINCIPLES OF MEDICINAL CHEMISTRY AND DRUG DESIGN** (3). Introduction to the fundamentals of medicinal chemistry, including the mechanistic organic chemistry of enzyme function and drug metabolism, receptor binding theory, and drug design and discovery. Primary literature will be referenced in order to develop a thorough understanding of basic principles and to explore select case studies. Students will be expected to apply learned principles in the computer aided rational design of their own novel drug molecule. NOTE: Second year pharmacy (P2) standing or above required.

**PHRM 790E-W. DIRECTED STUDY SERIES** (3). Individually supervised independent study related to current topics in pharmaceutical sciences. A contract between the student and supervising faculty, detailing learning objectives, activities used to attain the objectives, and the basis for evaluation must be developed and approved in advance.

**PHRM 791. ACUTE CARE** (2). Provides a more comprehensive evaluation of conditions commonly encountered in hospitalized patients. Students will begin their acute care APPE rotations more prepared to evaluate complex patient situations. Prerequisite(s): PHRM 710. NOTE: Second year pharmacy (P2) standing or above required.

**PHRM 792. ADVANCED NEUROLOGY** (3). Focuses on neurological disorders that may have new or not well established treatments. Topics will include, among others, Guillain-Barre Syndrome, Amyotrophic Lateral Sclerosis, Fibromyalgia, Huntington's Disease, and NMDA Receptor Encephalitis. NOTE: Second year pharmacy (P2) standing or above required.

**PHRM 793. PHARMACY ENTREPRENEURSHIP** (3). Focuses on key business relationships; business planning; market analysis; forms of ownership; service offerings; competitive strategies; promotion/marketing, customer service, financial, inventory and human resource management, reimbursement challenges; and professional advocacy to support pharmacy entrepreneurship.

**PHRM 794. PHARMACY RESIDENCY PREPARATION** (1). Provides students the opportunity to explore what a pharmacy residency is, learn skill that will help them be a competitive applicant and learn what it means to be a pharmacy leader. NOTE: Third year pharmacy (P3) standing required.

**PHRM 795. IMMUNOLOGY AND VACCINES** (3). Provides students with in depth discussions regarding how the immune system responds to different types of disease. Students will gain a better understanding of how vaccines that protect from such diseases are developed and delivered. The course will also devote time to discussing special cases of vaccinology such as travel vaccines, cancer vaccines and animal vaccines as a means to prevent spread of zoonotic disease. The course will then end with a review of FDA guideline for vaccine development, approval, reporting of adverse effects and the current vaccine schedules.

**PHRM 796. CRITICAL EVALUATION OF ALTERNATIVE MEDICINE** (3). Offers a critical review of the popular and scientific literature on a variety of claims of alternative medicine. Clinical faculty will offer insights into appropriate and supportive means of patient counseling. Prerequisite(s): PHRM 728.

**PHRM 797. INTRODUCTION TO PHARMACEUTICAL INDUSTRY: BENCH TO BEDSIDE** (1). An overview of the pharmaceutical industry (RXL) in the context of the drug

development process. Student will learn the role that pharmacy-trained individuals can have within the RXL and its associated support services industries. NOTE: P2 standing required.

## DOCTOR OF PHYSICAL THERAPY COURSE DESCRIPTIONS (DPT)

**DPT 701. HUMAN ANATOMY AND HISTOLOGY (6).** Examines normal gross anatomy and histology across the lifespan. Explores relationships of the musculoskeletal, nervous, integumentary, and cardiopulmonary systems at the cellular, tissue, organ, and system level. Neuromusculoskeletal embryology is included. Co-requisite: DPT 770. NOTE: Laboratory includes cadaver dissection.

**DPT 703. BIOMECHANICS AND KINESIOLOGY-EXTREMITIES (3).** Investigates the structure and function of tissues during movement. Explores kinematic, kinetic and muscle function relationships of extremity single and multi-axis joints. Laboratory includes principles and methods of evaluation for muscle and joint function for extremities. Co-requisite: DPT 770.

**DPT 704. NEUROSCIENCE (4).** Studies the structure/function of the nervous system across the lifespan. Includes cellular, systemic, and clinical pathology discussions of peripheral and central neural components. Examines sensations, perceptions, cognition, and muscle control as well as introduces pathology and basic examinations of these systems. Prerequisite(s): DPT 701 and DPT 708. NOTE: Laboratory included.

**DPT 705. BIOMECHANICS AND KINESIOLOGY - SPINE (2).** Investigates structure and function of tissues during movement. Explores kinematic, kinetic and muscle function relationships of axial single and multi-axis joints. Laboratory includes principles and methods of evaluation for TMJ /Spine muscle and joint function. Prerequisite(s): DPT 701 and DPT 703. Co-requisite: DPT 730. NOTE:

**DPT 706. MOVEMENT SCIENCE (2).** Investigates the theoretical principles of motor learning and motor control. Analysis of the motor behavior approach to movement science and clinical intervention is discussed. Co-requisite: DPT 704. NOTE: Laboratory included.

**DPT 707. KINESIOLOGY II (4).** Analyzes neural recruitment of muscle, kinematic and kinetic characteristics of multi-joint movement patterns in the extremities across the lifespan. Balance, upper extremity function, transitional movement, and gait are addressed. Co-requisites: DPT 733 and DPT 771. Prerequisite(s): DPT 705, DPT 706 and DPT 730. NOTE: Laboratory included.

**DPT 708. MANAGEMENT APPLICATIONS OF PHYSIOLOGY: MAP I (3).** Studies physiologic principles necessary for physical activity, physiologic changes and adaptations that occur with exercise and the associated effects of physical activity on health and wellness across the lifespan. Addresses measurement of fitness and development of training programs to improve physical fitness. Co-requisite: DPT 770. NOTE: Laboratory included.

**DPT 710A. PHARMACOLOGY (1).** Investigates pharmacokinetic and pharmacotherapeutic principles in light of clinical application, therapeutic and adverse effects, and drug interactions. Emphasizes knowledge of the relationship between medications and physical therapy interventions to improve patient/client outcomes. Co-requisite: DPT 732.

**DPT 710B. PHARMACOLOGY (1).** Continuation of 710A. Investigates pharmacokinetic and pharmacotherapeutic principles in light of clinical application, therapeutic and adverse effects, and drug interactions. Emphasizes knowledge of the relationship between medications and physical therapy interventions to improve patient/client outcomes. Co-requisite: DPT 772.

**DPT 712. DIAGNOSTIC IMAGING AND PROCEDURES (2).** Introduces the foundations and principles of diagnostic imaging and procedures used in clinical management to include radiographic imaging, MRI and electrophysiologic studies. Rationales and guidelines for examination selection are discussed. Performs nerve conduction and needle EMG studies. Examines basic interpretation of diagnostic imaging as well as interpretation of EMG and nerve conduction studies. Co-requisites: DPT 750 and DPT 772. Prerequisite(s): DPT 704. NOTE: Laboratory included.

**DPT 714. PSYCHOSOCIAL ASPECTS OF HEALTH CARE (3).** Explores responses to illness and disability as influenced by psychological, psychiatric, social, cultural, ethnic and lifespan factors. Examines psychological behavior models including adherence, prevention, and behavioral modification. Incorporates above principles into physical therapy management. Co-requisite: DPT 771. Prerequisite(s): DPT 730 and DPT 732.

**DPT 715. HEALTH CARE POLICY (2).** Explores major forms of health care delivery and how they interact with physical therapy services. Investigates practice settings, organizational structures, reimbursement mechanisms, and the impact of managed care from a fiscal, quality, and legal perspective. Co-requisites: DPT 751 and DPT 774. Prerequisite(s): HCE 709.

**DPT 716. BUSINESS MANAGEMENT (2).** Introduces principles of strategic planning, market analysis, personnel, fiscal, and total quality management through development of a business plan. Applies legal boundaries and ethical guidelines related to service provision issues. Co-requisites: DPT 752 and DPT 775. Prerequisite(s): HCE 709 and DPT 715.

**DPT 719. EXERCISE FOUNDATIONS (1).** Investigates principles of therapeutic exercise in relationship to clinical interventions. Integrates individual exercise prescription for optimal health across the lifespan. Focuses on basic principles for identification, intervention, modification and progression of therapeutic exercises. Co-requisite: DPT 707. Pre-requisites: DPT 708, DPT 730, DPT 732. Laboratory included.

**DPT 730. PHYSICAL THERAPY EXAMINATION (3).** Introduces physical therapy examination, evaluation, and diagnosis within a clinical decision making framework referencing the *Guide to Physical Therapist Practice*. Co-requisite: DPT 705. Prerequisite(s): DPT 701, DPT 703 and DPT 708. NOTE: Laboratory included.

**DPT 731. DIFFERENTIAL DIAGNOSIS (2).** Advances differential diagnosis skills with emphasis on patients/clients with complex presentations. Explores the clinical decision making role of a primary care practitioner by performing a thorough systems review to differentiate dysfunction within the scope of P.T. practice from those that indicate referral to other practitioners. Co-requisites: DPT 752 and DPT 775. Prerequisite(s): DPT 735, DPT 737 and DPT 738. NOTE: Laboratory included.

**DPT 732. MANAGEMENT APPLICATIONS OF PHYSIOLOGY: MAP II (4).** Studies physiology and pathophysiology of the cardiovascular and pulmonary systems across the lifespan. Incorporates physiologic principles in the physical therapy management of patients with cardiovascular and pulmonary conditions. Co-requisite: DPT 710. Prerequisite(s): DPT 701 and DPT 708. NOTE: Laboratory included.

**DPT 733. MUSCULOSKELETAL MANAGEMENT I (3).** Initiates the examination, evaluation and intervention strategies for patients/ clients with musculoskeletal problems of the lower extremities. Discusses interventions such as orthotics and bracing, therapeutic exercise, manual therapy, physical agents and electrotherapeutic modalities selected for a wide variety of conditions of the spine and peripheral joints. Co-requisites: DPT 707 and DPT 771. Prerequisite(s): DPT 703, DPT 710, DPT 730 and DPT 732. NOTE: Laboratory included.

**DPT 734. MUSCULOSKELETAL MANAGEMENT II (3).** Studies advanced principles of prevention, examination, evaluation, diagnosis, prognosis, intervention, and outcomes as they relate to patients with musculoskeletal dysfunction of the thoracic, lumbar, and pelvic, and regions across the lifespan. Co-requisites: DPT 712, DPT 750 and DPT 772. Prerequisite(s): DPT 733. Fee required. NOTE: Laboratory included.

**DPT 735. MUSCULOSKELETAL MANAGEMENT III (3).** Studies advanced principles of prevention, examination, evaluation, diagnosis, prognosis, intervention, and outcomes as they relate to musculoskeletal dysfunction of the upper extremity, cervical, and TMJ across the lifespan. Co-requisite: DPT 773. Prerequisite(s): DPT 734 and DPT 750. NOTE: Laboratory included.

**DPT 736. NEUROLOGICAL MANAGEMENT I (3).** Studies the intervention for individuals with neurological dysfunction based upon neurophysiological and pathokinesiological mechanisms resulting in pathology, impairments, functional limitations, and disabilities. Emphasizes application and integration of theoretical constructs, evidence-based practice, examination, evaluation, diagnosis, prognosis, intervention, and measurement of outcomes. Co-requisites: DPT 712, DPT 750 and DPT 772. Prerequisite(s): DPT 704, DPT 706, DPT 707, DPT 710, DPT 730 and DPT 732. NOTE: Laboratory included.

**DPT 737. NEUROLOGICAL MANAGEMENT II (5).** Continues the study of interventions for individuals across a lifespan with neurological dysfunction based upon neurophysiological and pathokinesiological mechanisms resulting in pathology, impairments, functional limitations, and disabilities. Emphasizes evidence-based clinical decision making for examination, evaluation, diagnosis, prognosis, intervention, and measurement of outcomes. Co-requisite: DPT 773. Prerequisite(s): DPT 736 and DPT 750. NOTE: Laboratory included.

**DPT 738. MANAGEMENT APPLICATIONS OF PHYSIOLOGY: MAP III (5).** Studies physiology and pathophysiology of the gastrointestinal, renal, endocrine, immune and integumentary systems across the lifespan. Incorporates identification of signs and symptoms associated with disease. Discusses management of patients with conditions, affecting these systems or a combination of systems. Co-requisite: DPT 773. Prerequisite(s): DPT 707, DPT 712, DPT 732 and DPT 750. NOTE: Laboratory included.

**DPT 739. EXERCISE APPLICATIONS (2).** Integrates individual exercise interventions for optimal health across the lifespan. Focuses on the identification, intervention, and progression of therapeutic exercises for patients in various phases of rehabilitation. Laboratory included. Co-Requisites: DPT 731, DPT 751 and DPT 774. Prerequisite(s): DPT 735, DPT 737 and DPT 738. NOTE: Laboratory included.

**DPT 740. PT MANAGEMENT ACROSS THE LIFESPAN (2).** Studies advanced principles of prevention, examination, evaluation, diagnosis, prognosis, intervention, and outcomes for special populations, and select interventions such as ergonomics, prosthetics and orthotics. Co-requisites: DPT 716, DPT 799. Prerequisite(s): DPT 751, DPT 774, and DPT 739.

**DPT 750. CLINICAL EDUCATION I (2).** Focuses on examination, evaluation, and intervention techniques in a clinical setting. Utilizes written and oral interpersonal communication skills with patients/ clients, family, and other staff. Emphasizes professional socialization, self-assessment, and critical thinking. Co-requisites: DPT 712, DPT 734, DPT 736 and DPT 772. Prerequisite(s): DPT 732. Pass/No Pass grading only.

**DPT 751. CLINICAL EDUCATION II (4).** Emphasizes application of comprehensive prevention, examination, evaluation, diagnosis, prognosis, intervention, and outcome strategies for clients with cardiopulmonary, musculoskeletal, and/or neuromuscular problems in a clinical setting. Requires refinement of interpersonal communication skills, role delineation, and professional behaviors. Co-requisites: DPT 715, DPT 731, DPT 739 and DPT 774. Prerequisite(s): DPT 735, DPT 737, DPT 738 and DPT 750. Pass/No Pass grading only.

**DPT 752. CLINICAL EDUCATION III (5).** Focuses on the integration and application of all previous course and clinical work in relationship to the development, enhancement, and restoration of movement function, the prevention of movement dysfunction, and non-patient care opportunities. Co-requisites: DPT 716, DPT 775, and DPT 792. Prerequisite(s): DPT 751. NOTE: DPT 752 and DPT 753 are a 24-week combined clinical experience. Length and timing of clinical placements at any one facility may vary.

**DPT 753. CLINICAL EDUCATION IV (6).** Continues the focus of DPT 752. In addition to the refinement of critical thinking and clinical decision making, emphasizes the autonomous practice and professional socialization in the clinical setting. Non-patient care opportunities will also be included. Co-requisites: DPT 793 and DPT 796. Prerequisite(s): DPT 752. NOTE: DPT 752 and DPT 753 are a 24-week combined clinical experience. Time may be divided into a number of clinical placements of varied lengths and practice settings.

**DPT 760E-W. INDEPENDENT STUDY IN PHYSICAL THERAPY (1-6).** Advanced study in specific topic of interest in the areas of practice, research, or education developed by contract and conducted under the supervision of a faculty member. This is an optional course that is offered with the permission of the faculty. Prerequisite(s): Graduate standing and permission of instructor required.

**DPT 770. PROFESSIONAL ISSUES/CASE MANAGEMENT I (1).** Begins a six course sequence. Introduces mission and philosophy, curriculum model, and service learning. Explores student values, principles of teaching, learning and aspects of professionalism. Co-



requisites: DPT 701, DPT 703, DPT 708 and DPT 776. NOTE: Laboratory and service learning included.

**DPT 771. PROFESSIONAL ISSUES/CASE MANAGEMENT II (2).** Introduces health care delivery systems, regulation of and legal requirements for clinical practice and documentation and the role of the physical therapist and physical therapist assistant. Uses evidences from the literature and other available sources to discuss clinical situations in small group tutorials with faculty facilitation. These tutorials use problem-based learning concepts. Expands application of communication and teaching/learning theory. Co-requisites: DPT 707, DPT 714, DPT 733 and DPT 790. Prerequisite(s): DPT 704, DPT 710, DPT 730, DPT 732 and DPT 770. NOTE: Laboratory and service learning included.

**DPT 772. PROFESSIONAL ISSUES/CASE AND PRACTICE MANAGEMENT III (1).** Expands concepts of problem-based learning using patient scenarios. Discusses diversity, scope of practice, and professionalism in clinical settings, as well as difference in management and leadership roles, payment processes and financial implications for providing services. Co-requisite: DPT 750. Prerequisite(s): DPT 771. NOTE: Laboratory and service learning included.

**DPT 773. PROFESSIONAL ISSUES/CASE MANAGEMENT IV (1).** Continues problem-based learning using patient scenarios to expand the application of communication and teaching/learning theory and the role of a doctoring profession. Jesuit mission, evaluating strategies for competency-based education, conflict resolution and clinical negotiation skills are integrated into the tutorials. Co-requisites: DPT 735, DPT 737, DPT 738 and DPT 791. Prerequisite(s): DPT 772. NOTE: Laboratory and service learning included.

**DPT 774. PROFESSIONAL ISSUES/CASE MANAGEMENT V (1).** Addresses patient issues related to musculoskeletal, neuromuscular, and complex case management. Resume and interview skills are discussed. Reflection, during case presentations, on the opportunity to be change-agents in the PT profession for the DPT and the use of EBP will be performed. Co-requisites: DPT 715, DPT 731, DPT 739 and DPT 751. Prerequisite(s): DPT 773. NOTE: Laboratory and service learning included.

**DPT 775. PROFESSIONAL ISSUES/CASE MANAGEMENT VI (1).** Continues problem-based learning using patient scenarios to further develop evidence-based clinical decision making skills. Methods to refine communication skills are explored. Co-requisites: DPT 716, DPT 752, DPT 780E-W, DPT 781E-W and DPT 792. Prerequisite(s): DPT 774. NOTE: Laboratory and service learning are required.

**DPT 776. CRITICAL INQUIRY (3).** Explores research methodologies used in health care research. Examines descriptive and inferential statistics, and evidence-based practice principles. Addresses literature searches and evidence based analysis of research reports with a focus on treatment effectiveness studies. Co-requisite: DPT 770.

**DPT 780E-W. TOPICS IN PHYSICAL THERAPY I (1).** Advances study in topics of interest related to physical therapy practice. Co-requisites: DPT 752 and DPT 775. Prerequisite(s): DPT 735, DPT 737, DPT 738 and DPT 751.

**DPT 781E-W. TOPICS IN PHYSICAL THERAPY II (1).** Advances study in topics of interest related to physical therapy practice. Co-requisites: DPT 752 and DPT 775. Prerequisite(s): DPT 735, DPT 737, DPT 738 and DPT 751.

**DPT 790. EVIDENCE BASED PRACTICE I (2).** Introduces clinical research and analysis of practice projects. Reviews ethical constraints and obligations of research. Introduces survey research methods and seeking research funding. Addresses critical analysis of research reports, with a focus on diagnostic literature. Co-requisite: DPT 771. Prerequisite(s): DPT 776.

**DPT 791. EVIDENCE BASED PRACTICE II (1).** Examines data and performs statistical analysis. Analysis of Practice groups present results in publishable format. Clinical Research groups collect data, submit Introduction/Methods in publication format, and outlines anticipated Results/Table/Figures. Critically analyze the prognostic literature. Co-requisite: DPT 773. Prerequisite(s): DPT 750 and DPT 790.

**DPT 792. EVIDENCE BASED PRACTICE III (1).** Analysis of Practice groups examines data to date, present results in a publishable format. Clinical Research groups write Results, Discussion, Conclusion sections in publication format. Submission of abstracts, perform critical analysis of systematic reviews/meta-analysis. Co-requisite(s): DPT 752 and DPT 775. Prerequisite(s): DPT 751 and DPT 791.

**DPT 793. EVIDENCE BASED PRACTICE IV (1).** Analysis of Practice groups continues to acquire data during clinical rotations, submit final written manuscripts, performs poster/platform presentation. Clinical research groups submit final manuscripts; performs final platform/poster presentations. Co-requisite: DPT 753. Prerequisite(s): DPT 753 and DPT 792.

**DPT 796. CAPSTONE (1).** Focuses on the culmination of the student's clinical and professional development based on the portfolio presentation. Clinical education reflections and curricular review are also included in the capstone. Co-requisites: DPT 753 and DPT 793. Prerequisite(s): HCE 709, DPT 716, DPT 735, DPT 737, DPT 738, DPT 739, DPT 775 and DPT 799.

**DPT 799. COMPREHENSIVE EXAM (0).** Administered following the completion of all academic requirements of the curriculum with the exception of completing clinical case reports, other clinical education requirements and capstone course. Serves as the component of the capstone experience that measures success of curricular outcomes and prepares the student for the licensure examination. Pass/No Pass grading only.

**HCE 709/IHCE709. HEALTH CARE ETHICS FOR PHYSICAL THERAPISTS (3).** Examines ethical issues and moral reasoning processes in health care. Philosophical and faith-based foundations including Catholic moral tradition, sociocultural influences, professional codes, and organizational and personal ethical norms are explored. Ethical issues are examined with emphasis on leadership and the practice of physical therapy. Students will analyze ethical dilemmas and evaluate ethical practice using ethical theory, moral argument, and case studies. NOTE: A required course in the Doctor of Physical Therapy program. Offered on campus. Co-requisite: DPT 772.

## DOCTOR OF PHYSICAL THERAPY FELLOWSHIP (DPT)

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DPT 741T. MANAGEMENT OF LUMBOSACRAL DISORDERS (3). Integrates manipulative intervention techniques in the management of individuals with lumbosacral disorders. Classification systems, diagnosis and outcomes assessment tools, within the framework of evidence-based practice are included. NOTE: Intensive laboratory included.

DPT 742T. MANAGEMENT OF CERVICAL AND THORACIC DISORDERS (3). Integrates manipulative intervention techniques in the management of individuals with cervical and thoracic disorders. Includes the application of diagnostic imaging as a component of the diagnostic process. Includes classification systems and outcomes assessment tools, within the framework of evidence-based practice. NOTE: Intensive laboratory included.

DPT 745T. MANAGEMENT OF LOWER EXTREMITY DISORDERS (3). Integrates manual therapy and exercise intervention techniques in the management of individuals with lower extremity disorders. NOTE: Intensive laboratory included.

DPT 746T. MANAGEMENT OF UPPER EXTREMITY DISORDERS (3). Integrates manual therapy and exercise intervention techniques in the management of individuals with upper extremity disorders. NOTE: Intensive laboratory included.

DPT 784T. VIRTUAL ROUNDS I (1). Advanced clinical practice experience in manual physical therapy focusing on advanced decision-making regarding clinical care in a collaborative virtual environment. NOTE: Fellowship in Manual Therapy students only.

DPT 785T. VIRTUAL ROUNDS II (1). Advanced clinical practice experience in manual physical therapy focusing on advanced decision-making regarding clinical care in a collaborative virtual environment. NOTE: Fellowship in Manual Therapy students only.

DPT 786T. VIRTUAL ROUNDS III (1). Advanced clinical practice experience in manual physical therapy focusing on advanced decision-making regarding clinical care in a collaborative virtual environment. NOTE: Fellowship in Manual Therapy students only.

DPT 790T. CLINICAL FELLOWSHIP PRACTICUM (3). Advanced clinical practice experience in manual therapy. Students are mentored in an intensive one-on-one clinical model for a minimum of 130 hours and supported by their designated mentor/s via ongoing online dialogue. Emphasis is placed on advanced clinical decision making, outcomes evaluation and autonomous patient management. NOTE: Fellowship in Manual Therapy students only. Fee required. Pass/No Pass grading only.

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